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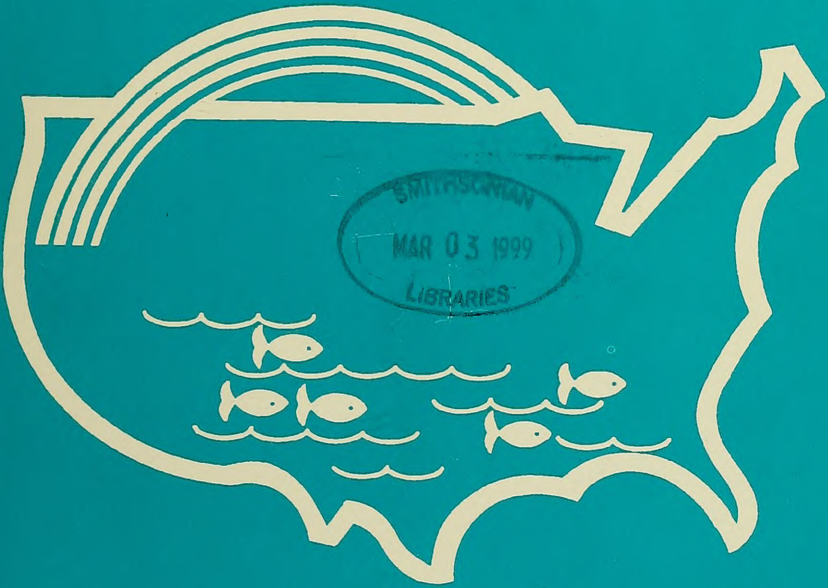
Current Fishery Statistics No. 9500

Fisheries of the United States, 1995

July 1996



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The NOAA-National Marine Fisheries Service (NMFS) is the proud upholder - in mission, facilities, and scientific inquiry - of a tradition of excellence begun with the creation of the U.S. Commission of Fish and Fisheries on February 9, 1871. This logo commemorates many of the remarkable achievements and people of the U.S. Commission of Fish and Fisheries (1871-1903), Bureau of Fisheries (1903-1956), Bureau of Commercial Fisheries and the marine elements of the Bureau of Sport Fishing and Wildlife (1956-1970), and the National Marine Fisheries Service (1970-present).

Current Fishery Statistics No. 9500

Fisheries of the United States, 1995

Prepared by:
Fisheries Statistics Division

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Silver Spring, MD
July 1996

U.S. DEPARTMENT OF COMMERCE
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PREFACE

FISHERIES OF THE UNITED STATES, 1995

This publication is a preliminary report for 1995 on commercial and recreational fisheries of the United States with catches in both the U.S. and foreign Exclusive Economic Zones (EEZ). This annual report provides timely answers to frequently asked questions.

SOURCES OF DATA

Information in this report came from many sources. Field offices of the National Marine Fisheries Service (NMFS), in cooperation with various States, collected and compiled data on U.S. commercial landings and processed fishery products. The NMFS Fisheries Statistics Division in Silver Spring, MD, managed the collection and compilation of recreational statistics, and tabulated and prepared all data for publication. Sources of other data appearing in this publication are: U.S. Bureau of the Census, U.S. Bureau of Labor Statistics, U.S. Coast Guard, U.S. Customs Service, U.S. Department of the Interior, and U.S. Department of Agriculture, and Food and Agriculture Organization (FAO) of the United Nations.

PRELIMINARY AND FINAL DATA

Data on U.S. commercial and recreational landings, employment, prices, and production of processed products are preliminary for 1995. Final data will be published in other NMFS Current Fishery Statistics publications.

The Fisheries Statistics Division of NMFS takes this opportunity to thank members of states, industry, and foreign nations who provided the data that made this publication possible.

Program leaders of the field offices were: Gregory Power, New England, Middle Atlantic, and Chesapeake; Tony Frank, National Biological Service Science Center, Great Lakes States; Nelson Johnson, Guy Davenport, and Margot Hightower for the South Atlantic and Gulf States; Patricia J. Donley, California and Hawaii; John K. Bishop, Oregon and Washington; and Patsy Bearden, Alaska.

NOTES

The time series of U.S. catch by species and distance from shore included in this year's "Fisheries of the U.S." is estimated since these data were unavailable for the New England, Middle Atlantic, and Chesapeake Regions. In addition, apparent changes in landings between 1995 and previous years for these regions may be partially or entirely due to changes in the reporting system rather than actual fisheries changes.

As in past issues of this publication, the units of quantity and value are defined as follows: U.S. landings are shown in round weight (except mollusks which are in meat weight), unless otherwise noted; quantities shown for U.S. imports and exports are in product weight, as reported by the U.S. Bureau of the Census, unless otherwise noted; the value of the U.S. domestic commercial catch is exvessel (in the Review Section on important species actual and deflated exvessel prices are shown. The deflated value was computed using the Gross Domestic Products Implicit Price Deflator); the value for U.S. imports is generally the market value in the foreign (exporting) country and, therefore, excludes U.S. import duties, freight charges from the foreign country to the United States, and insurance; the value for exports is generally the value at the U.S. port of export, based on the selling price, including inland freight, insurance, and other charges. Countries and territories shown in the U.S. foreign trade section are established for statistical purposes in the Tariff Schedules of the United States Annotated (International Trade Commission) and reported by the U.S. Bureau of the Census.

SUGGESTIONS

The Fisheries Statistics Division wishes to provide the kinds of data sought by users of fishery statistics, and welcomes any comments or suggestions that will improve this publication.

Address all comments or questions to:

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REVIEW

U.S. LANDINGS. Commercial landings (edible and industrial) by U.S. fishermen at ports in the 50 states were 9.9 billion pounds or 4.5 million metric tons valued at a record $3.8 billion in 1995--a decrease of 557.2 million pounds (down 5 percent), and $36.4 million (down 1 percent) compared with 1994. The 1995 landings showed a decrease in major species such as Pacific hake, Atlantic mackerel, menhaden, pollock, tuna, and snow crab when compared with 1994. The 1995 average exvessel price per pound paid to fishermen was 38 cents compared to the 37 cents they received in 1994. Finfish accounted for 87 percent of total landings, but only 52 percent of the total value.

Commercial landings by U.S. fishermen at ports outside the 50 states or transferred to internal water processing vessels (IWPs) were an additional 452.2 million pounds (205,100 metric tons) valued at $176.3 million. This was a 17 percent, or 91.5 million pounds (41,500 metric ton) decrease in quantity and a $155.7 million (47 percent) decrease in value compared with 1994. Most of these landings consisted of halibut landings in Canada, tuna landed in Puerto Rico, American Samoa and other foreign ports, and IWP transfers of sea herring.

Edible fish and shellfish landings in the 50 states were 7.8 billion pounds (3.5 million metric tons) in 1995--a decrease of 153 million pounds (69,400 metric tons) compared with 1994.

Landings for reduction and other industrial purposes were 2.1 billion pounds (962,000 metric tons) in 1995--a decrease of 16 percent compared with 1994.

The 1995 U.S. marine recreational finfish catch (including fish caught and released alive) on the Atlantic, Gulf, and Pacific coasts was an estimated 339.1 million fish taken on an estimated 65.6 million fishing trips. The harvest (fish kept) was estimated at 157.7 million fish weighing 228.7 million pounds.

WORLD LANDINGS. In 1994, the most recent year for which data are available, world commercial fishery landings were 109.6 million metric tons--an increase of 7.4 million metric tons (up 7 percent) compared with 1993.

China was the leading nation with 18.9 percent of the total catch; Peru, second with 10.6 percent; Chile, third with 7.2 percent; Japan, fourth with 6.7 percent; and United States, fifth with 5.4 percent.

PRICES. The 1995 annual exvessel price index for edible fish and shellfish increased 2 percent from 1994. The annual index for industrial fish decreased 17 percent. Exvessel price indices increased for 18 of the 32 species groups being tracked, decreased for 11 species groups and stayed constant for 3 groups. The skipjack tuna price index had the largest decrease (35 percent) while the snow crab price index had the largest increase (65 percent).

PROCESSED PRODUCTS. The estimated value of the 1995 domestic production of edible and nonedible fishery products was $7.5 billion, $651.0 million (8 percent) less than the $8.2 billion in 1994. The value of edible products was $6.9 billion--a decrease of $665.8 million (9 percent) compared with 1994. The value of industrial products was $588.2 million in 1995--an increase of $14.7 million (3 percent) compared with 1994.

FOREIGN TRADE. The total import value of edible and nonedible fishery products was $12.5 billion in 1995--an increase of $464.8 million (4 percent) compared with 1994. Imports of edible fishery products (product weight) were 3.1 billion pounds (1.4 million metric tons) valued at $6.8 billion in 1995--an increase of 31.6 million pounds (1 percent), and $146.6 million (2 percent) compared with 1994. Imports of nonedible (i.e., industrial) products were $5.7 billion--

REVIEW

an increase of $318.2 million (6 percent) compared with 1994.

Total export value of edible and nonedible fishery products was $8.3 billion in 1995--an increase of $887.2 million (12 percent) compared with 1994. United States firms exported 2.0 billion pounds (914,371 metric tons) of edible products valued at $3.3 billion--an increase of 37.3 million pounds (16,926 metric tons) and $136.1 million compared with 1994. Exports of nonedible products were valued at a record $5.0 billion, $751.1 million more than 1994.

SUPPLY. The U.S. supply of edible fishery products (domestic landings plus imports, round weight equivalent) was 13.7 billion pounds (6.2 million metric tons) in 1995--a decrease of 14.0 million pounds compared with 1994. The change in edible reflects a decrease of 2 percent in domestic commercial landings. The supply of industrial fishery products was 2.9 billion pounds (1.3 million metric tons) in 1995--a decrease of 2.7 billion pounds (48 percent) compared with 1994. The change in industrial supply reflects a decrease of 2.3 billion pounds (75 percent) in imports.

PER CAPITA CONSUMPTION. U.S. consumption of fishery products was 15.0 pounds of edible meat per person in 1995, down 0.2 pound from the 1994 per capita consumption of 15.2 pounds.

CONSUMER EXPENDITURES. U.S. consumers spent an estimated $38.6 billion for fishery products in 1995. The 1995 total includes $26.2 billion in expenditures at food service establishments (restaurants, carry-outs, caterers, etc.); $12.0 billion in retail sales for home consumption; and $324.2 million for industrial fish products. By producing and marketing a variety of fishery products for domestic and foreign markets, the commercial marine fishing industry contributed $19.7 billion (in value added) to the U.S. Gross National Product.

REVIEW

OTHER IMPORTANT FACTS

Alaska pollock, with landings of 2.9 billion pounds (1.3 million metric tons), was the most important species in quantity and fourth in value for 1995, accounting for 29 percent of the commercial fishery landings in the United States.

Menhaden was the second most important species in quantity, but low in value.

Salmon were third in quantity and second in value.

Cods were fourth in quantity and eight in value.

Flounders were fifth in quantity, and sixth in value.

Crabs were seventh in quantity, and third in value.

Shrimp were first in value, but eighth in quantity.

Lobsters were low in quantity, but fifth in value.

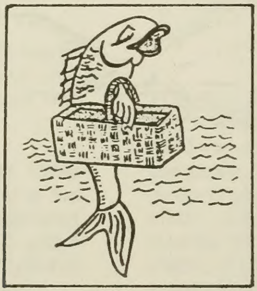
Tuna landings by U.S.-flag vessels at ports outside the continental United States amounted to 430.1 million pounds. Halibut and sea herring also were landed at ports outside the United States or transferred to internal water processing vessels in U.S. waters.

Dutch Harbor-Unalaska, Alaska, was the leading U.S. port in quantity of commercial fishery landings, followed by: Kodiak, Alaska; Empire-Venice, Louisiana; Cameron, Louisiana; and Intercoastal City, Louisiana.

Dutch Harbor-Unalaska was also the leading U.S. port in terms of value, followed by: Kodiak, Alaska; New Bedford, Massachusetts; Naknek-South Naknek, Alaska; and Key West, Florida..

Alaska led all states in volume with landings of 5.4 billion pounds, followed by Louisiana, 1.1 billion; Virginia, 777.6 million; California, 432.5 million; and Washington, 343.0 million pounds.

Alaska led all states in value of landings with $1.4 billion, followed by Louisiana, $290.6 million; Massachusetts, $224.4 million; Maine, $216.5 million; and Texas $198.9 million.



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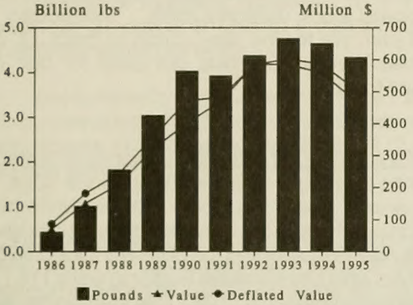
IMPORTANT SPECIES

ALASKA POLLOCK AND OTHER PACIFIC TRAWL FISH. U.S. landings of Pacific trawl fish (Pacific cod, flounders, hake, Pacific ocean perch, Alaska pollock, and rockfishes) were 4.3 billion pounds valued at $506.1 million--a decrease of 7 percent in quantity and a 14 percent decrease in value compared with 1994.

Trend in Commercial Landings, 1986-1995
Alaska Pollock, Other Pacific Trawl Fish



Landings of Alaska pollock decreased 9 percent to 2.9 billion pounds and were 7 percent lower than the 1990-94 5-year average. Decreased landings were due to management measures which reduced the TAC (total allowable catch) and because there were fewer overages in pollock quotas. Landings of Pacific cod were 591.4 million pounds--an increase of 28 percent from 460.3 million pounds in 1994. Pacific hake (whiting) landings were 390.3 million pounds (down 30 percent) valued at $18.0 million (up 7 percent from 1994). Landings of rockfishes were 90.1 million pounds (2 percent less than 1994) valued at $41.1 million. The 1995 rockfish landings were 20 percent lower than the 5-year average.

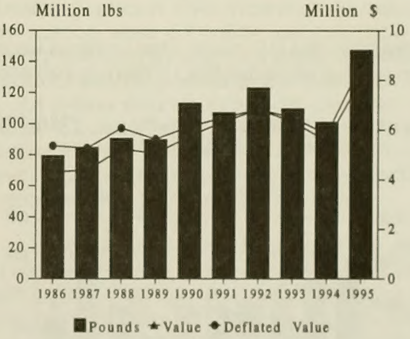
ANCHOVIES. U.S. landings of anchovies were 6.8 million pounds--a decrease of 1.5 million pounds (19 percent) compared with 1994. Ninety-nine percent of all landings were used for bait.

HALIBUT. U.S. landings of Atlantic and Pacific halibut were 44.8 million pounds (round weight) valued at $66.8 million--a decrease of 13.1 million pounds (23 percent), and of $18.1 million (21 percent) compared with 1994. The Pacific fishery accounted for all but 35,000 pounds of the 1995 total halibut catch. The average exvessel price per pound in 1995 was $1.49 compared with $1.47 in 1994.

HERRING, SEA. U.S. commercial landings of sea herring were 264.7 million pounds valued at $57.9 million--an increase of 50.8 million pounds (24 percent) and of $26.5 million (84 percent) compared with 1994. Landings of Atlantic sea herring were 147.2 million pounds valued at $8.7 million--an increase of 46.2 million pounds (46 percent) and $2.8 million (49 percent) compared with 1994.

Landings of Pacific sea herring were 117.5 million pounds valued at $49.2 million--an increase of 4.6 million pounds (4 percent) and $23.7 million (92 percent) compared with 1994. Alaska landings accounted for 90 percent of the Pacific coast with 106.1 million pounds valued at $39.1 million--an increase of 1.0 million pounds (1 percent) and $17.5 million (81 percent) compared with 1994.

Trend in Commercial Landings, 1986-1995
Atlantic Sea Herring



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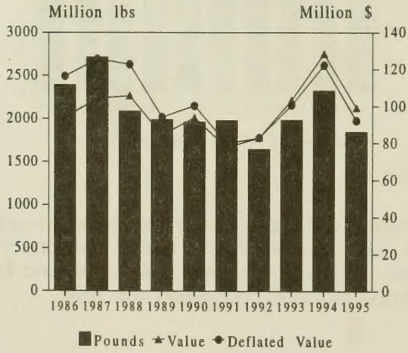
JACK MACKEREL. California accounted for 92 percent and Oregon for 8 percent of the U.S. landings of jack mackerel in 1995. Total landings were 4.1 million pounds valued at $279,000--a decrease of 2.3 million pounds (35 percent), and $87,000 (24 percent) compared with 1994. The average exvessel price per pound in 1995 was 7 cents compared with 6 cents in 1994.

MACKEREL, ATLANTIC. U.S. landings of Atlantic mackerel were 18.7 million pounds valued at $2.8 million--a decrease of 1.1 million pounds (5 percent) and an increase of $98,000 (4 percent)compared with 1994. Rhode Island with 12.2 million pounds and New Jersey with 4.8 million pounds had a total of 91 percent of the total landings. The average exvessel price per pound in 1995 was 15 cents compared to 13 cents in 1994.

MACKEREL, CHUB. Landings of Chub mackerel were 19.0 million pounds valued at $1.1 million--a decrease of 3.2 million pounds (14 percent) and $153,000 (12 percent) compared with 1995. The average exvessel price per pound in 1995 was 6 cents compared to 10 cents in 1994.

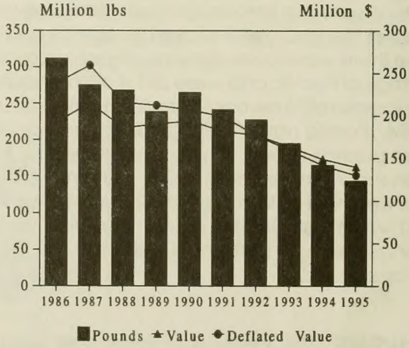
MENHADEN. The U.S. menhaden landings were 1.8 billion pounds valued at $99.1 million--a decrease of 476.6 million pounds (21 percent) and $29.2 million (23 percent) compared with 1994. Atlantic landings totaled 806.3 million pounds valued at $47.2 million and were 174.7 million pounds (28 percent) greater than 1994. The 1.0 billion pounds of Gulf region landings valued at $51.9 million represented a decrease of 651.3 million pounds (38 percent) and were 203.8 million pounds less than the 1990-1994 5-year average landings of 1.2 billion pounds. The large decrease in Gulf landings occurred due to cold weather and tropical storms; hypoxic waters off the mouth of the Mississippi River may also have increased stock mortality rates. Menhaden are used primarily for the production of meal, oil, and solubles. Small quantities are used for bait and animal food.

Trend in Commercial Landings, 1986-1995
Atlantic and Gulf Menhaden



NORTH ATLANTIC TRAWL FISH. Landings of butterfish, Atlantic cod, cusk, flounders (blackback, fluke, yellowtail and other), haddock, red and white hake, ocean perch, pollock and whiting (silver hake) in the North Atlantic (combination of New England, Middle Atlantic, and Chesapeake Regions) were 118.1 million pounds valued at $122.3 million--a decrease of 34.9 million pounds (23 percent) and $9.5 million (9 percent) compared with 1994. Of these species, flounder led in total value in the North Atlantic accounting for 49 percent of the total; followed by cod, 23 percent; and whiting, 12 percent.

Trend in Commercial Landings, 1986-1995
North Atlantic Trawl Fish



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The 1995 landings of Atlantic cod were 29.6 million pounds valued at $28.2 million--a decrease of 9.0 million pounds (23 percent) and $8.0 million (22 percent) compared with 1994. The exvessel price per pound was 95 cents in 1995 compared with 94 cents per pound in 1994.

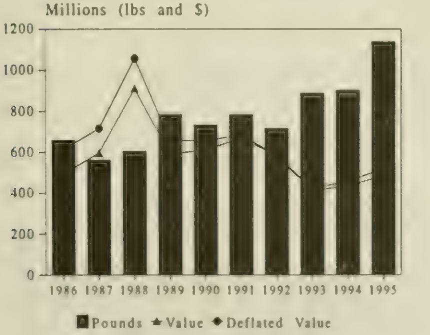
Landings of yellowtail flounder were 4.1 million pounds--a decrease of 2.7 million pounds (40 percent) from 1994, and about 73 percent of its 5-year average.

Haddock landings increased to 877,000 pounds (up 21 percent) and $1.2 million (up 17 percent) compared to 1994.

North Atlantic pollock landings were 7.2 million pounds valued at $6.6 million--a decrease of 1.1 million pounds (13 percent) and $128,000 (2 percent) compared with 1994.

PACIFIC SALMON. U.S. commercial landings of salmon were 1.1 billion pounds valued at $520.6 million--an increase of 236.5 million pounds (26 percent), and $64.4 million (14 percent) compared with 1994. Alaska and Washington accounted for 97 percent and 2 percent of the total landings, respectively. Sockeye salmon landings were 349.7 million pounds valued at $312.3 million--an increase of 44.9 million pounds (15 percent), and $36.5 million (13 percent) compared with 1994. Chinook salmon landings increased to 24.3 million pounds--up 6.0 millionpounds (33 percent) from 1994. Pink salmon landings were 444.7 million pounds--an increase of 79.5 million pounds (22 percent); chum salmon increased to 269.1 million pounds (101 percent); and coho salmon decreased to 49.2 million pounds--a decrease of 29.3 million pounds (37 percent) compared with 1994.

Trend in Commercial Landings, 1986-1995
Pacific Salmon



Alaska landings were 1.1 billion pounds valued at $495.9 million--an increase of 235.7 million pounds (27 percent), and $71.5 million (17 percent) compared with 1994. The distribution of Alaska salmon landings by species in 1995 was: sockeye, 347.4 million pounds (32 percent); pink, 434.5 million pounds (39 percent); chum, 262.3 million pounds (24 percent); coho, 46.0 million pounds (4 percent); and chinook, 12.9 million pounds (1 percent). The exvessel price per pound for all species in Alaska was 45 cents in 1995-- a decrease of 4 cents from 1994.

Washington salmon landings were 24.4 million pounds valued at $9.5 million--a decrease of 4.4 million pounds (15 percent), and $14.4 million (60 percent) compared with 1994. The biennial fishery for pink salmon went from 4,000 pounds in 1994 to 10.2 million pounds in 1995. Washington landings of chum salmon were 6.8 million pounds (down 49 percent); followed by silver, 2.9 million pounds--an increase of 260,000 pounds (up 10 percent); sockeye, 2.3 million pounds (down 78 percent); and chinook, 2.2 million pounds (up 3 percent) compared with 1994. The average exvessel price per pound for all species in Washington decreased from 83 cents in 1994 to 39 cents in 1995.

Oregon salmon landings were 2.8 million pounds valued at $3.6 million--an increase of 1.6 million pounds (131 percent) and $2.1 million (150 percent) compared with 1994. Landings of chinook salmon were 2.6 million pounds (up 26 percent); and coho, 191,000 pounds (down 61 percent). The average exvessel price per pound for all species in Oregon increased from $1.18 in 1994 to $1.55 in 1995.

California salmon landings were 6.6 million pounds valued at $11.7 million--an increase of 3.5 million pounds (113 percent) and $5.2 million (81

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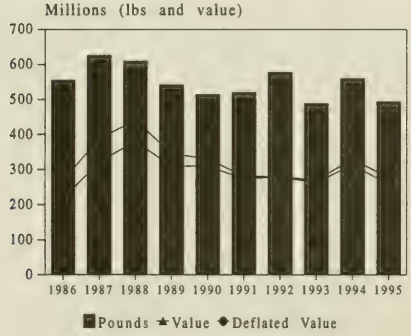
percent) compared with 1994. Landings of chinook salmon were 6.6 million pounds; coho landings were 11,000 pounds. The average exvessel price per pound paid to fishermen in 1995 was $1.76 compared with $2.07 in 1994.

SABLEFISH. U.S. commercial landings of sablefish were 65.9 million pounds valued at $123.7 million--a decrease of 5.4 million pounds (8 percent), but an increase of $38.9 million (46 percent) compared with 1994. Landings decreased in Alaska to 47.4 million pounds, a decrease of 11 percent compared with 1994. Landings increased in Washington to 5.4 million pounds (35 percent), $12.6 million (up 58 percent). The 1995 Oregon catch was 7.0 million pounds (down 22 percent) and $9.3 million (up 19 percent) compared with 1994. California landings of 6.1 million pounds and $7.2 million represent a 28 percent increase in quantity and 112 percent increase in value from 1994. The average exvessel price per pound in 1995 was $1.88 compared with $1.19 in 1994.

Trend in Commercial Landings, 1986-1995
Tuna (Includes U.S. and Foreign Ports)



TUNA. Landings of tuna by U.S. fishermen at ports in the 50 United States, Puerto Rico, American Samoa, other U.S. territories, and foreign ports were 494.0 million pounds valued at $272.2 million--a decrease of 65.7 million pounds (12 percent) and $52.5 million (16 percent) compared with 1994. The average exvessel price per pound of all species of tuna in 1995 was 56 cents compared with 59 cents in 1994.

Bigeye landings in 1995 were 20.7 million pounds--an increase of 13.9 million pounds (204 percent) compared with 1994. The average exvessel price per pound was $1.56 in 1995 compared with $3.97 in 1994.

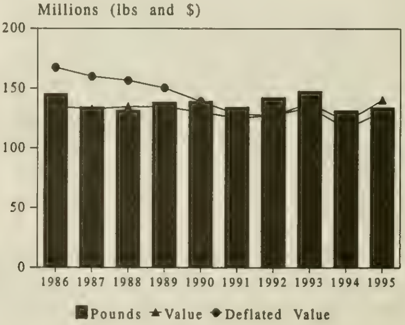
Skipjack landings were 344.6 million pounds--an increase of 7.0 million pounds (2 percent) compared with 1994. The average exvessel price per pound was 37 cents in 1995, compared to 43 cents in 1994.

Yellowfin landings were 98.3 million pounds--a decrease of 83.5 million pounds (46 percent) compared with 1994. The average exvessel price per pound was 69 cents in 1995 compared with 59 cents in 1994.

Bluefin landings were 3.4 million pounds--a decrease of 985,000 pounds (22 percent) compared with 1995. The average exvessel price per pound in 1995 was $7.51 compared with $5.24 in 1994.

CLAMS. Landings of all species yielded 134.2 million pounds of meats valued at $140.4 million--an increase of 2.8 million pounds (2 percent) and $18.1

Trend in Commercial Landings, 1986-1995
Clams



million (15 percent) compared with 1994. The average exvessel price per pound in 1995 was $1.05 compared to 93 cents in 1994.

Surf clams yielded 63.3 million pounds of meats valued at $39.0 million--a decrease of 5.1 million pounds (7 percent) and $3.3 million (8 percent) compared with 1994. New Jersey was the leading State with 46.3 million pounds (down 5 percent), followed by New York, 6.9 million pounds (up 45 percent); and Maryland, 5.7 million pounds (down 18 percent) compared with 1994. The average exvessel price per pound of meats remained constant at 62 cents.

The ocean quahog fishery produced 49.0 million pounds of meats valued at $20.7 million--an increase of 2.5 million pounds (5 percent) and $2.1 million (11 percent) compared with 1994. New Jersey was the leading producer with 21.8 million pounds of meats acounting for 44 percent of the total ocean quahog landings. The value for New Jersey in 1995 was $8.6 million--a decrease of $5.8 million (40 percent) compared with 1994. The average exvessel price per pound of meats was 42 cents compared to 40 cents in 1994..

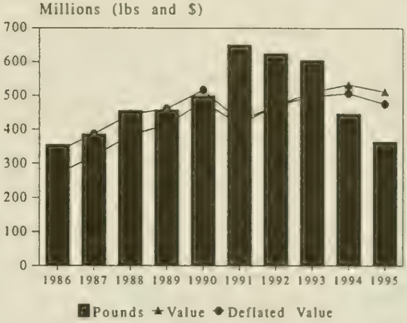
The hard clam fishery produced 17.8 million pounds of meats valued at $67.4 million--an increase of 5.1 million pounds (40 percent) and $24.5 million (57 percent) compared with 1994. Landings in the New England region were 3.1 million pounds of meats (up 10 percent); Middle Atlantic region, 4.1 million pounds (up 123 percent); Chesapeake region, 924,000 pounds (up 4 percent); and the South Atlantic region, 4.9 million pounds (up 34 percent). The average exvessel price per pound of meats increased from $3.38 in 1994 to $3.78 in 1995.

Soft clams yielded 2.4 million pounds of meats valued at $11.1 million--a decrease of 311,000 pounds (12 percent) and $1.4 million (11 percent) compared with 1994. Maine was the leading state with 1.9 million pounds of meats (down 8 percent) followed by Maryland with 367,000 pounds (down 18 percent). The average exvessel price per pound of meats was $4.57 in 1995, compared with $4.54 in 1994.

CRABS. Landings of all species of crabs were 363.6 million pounds valued at $512.0 million--a decrease of 83.3 million pounds (19 percent) and $21.0 million (4 percent) compared with 1994.

Hard blue crab landings were 201.5 million pounds valued at $144.7 million--a decrease of 7.5 million pounds (4 percent) and an increase of $7.5 million (5 percent) compared with 1994. North Carolina landed 24 percent of the total; Maryland, 20 percent; Virginia, 15 percent; and Louisiana, 16 percent of the total U.S. landings. Hard blue crab landings in the Chesapeake region were 71.3 million pounds and 47.5 million pounds in the Gulf region, each decreased 3 percent; and the South Atlantic region with 66.6 million pounds, decreased 13 percent. The MiddleAtlantic region with 16.1 million pounds valued at $12.3 million showed an increase of 5.1 million pounds (47 percent) compared with 1994. The average exvessel price per pound of hard blue crabs was 72 cents in 1995, six cents more than 1994.

Trend in Commercial Landings, 1986-1995
Crabs



Dungeness crab landings were 47.8 million pounds valued at $79.6 million--an increase of 1.8 million pounds (4 percent) and an increase of $16.5 million (26 percent) compared with 1994. Washington landings of 21.3 million pounds (up 15 percent)

REVIEW

IMPORTANT SPECIES

led all states with 44 percent of the total landings. Alaska landings were 5.5 million pounds, up 36 percent compared with 1994. Oregon landings were 11.9 million pounds (up 13 percent) and California landings were 9.1 million pounds (down 29 percent) compared with 1994. The average exvessel price per pound was $1.66 cents in 1995 compared with $1.37 in 1994.

U.S. landings of king crab were 14.7 million pounds valued at $45.5 million--an increase of 2.7 million pounds (23 percent) compared with 1994. The average exvessel price per pound in 1995 was $3.10 compared with $4.35 in 1994.

Snow (tanner) crab landings were 80.8 million pounds valued at $202.4 million--a decrease of 78.8 million pounds (49 percent) and $40.4 million (17 percent) compared with 1994. The average exvessel price per pound was $2.50 in 1995, up from $1.52 in 1994.

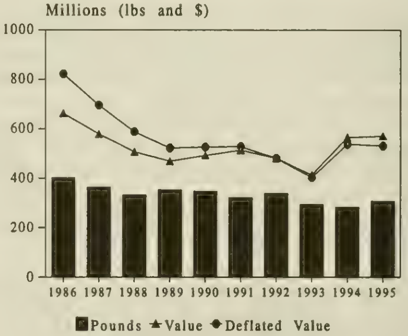
LOBSTER, AMERICAN. American lobster landings were 66.4 million pounds valued at $214.8 million--a decrease of only 10,000 pounds and an increase of $18.7 million (10 percent) compared with 1994. Maine led in landings for the fourteenth consecutive year with 36.5 million pounds valued at $102.3 million--a decrease of 2.4 million pounds (6 percent) compared with 1994. Massachusetts, the second leading producer, had landings of 15.8 million pounds valued at $62.7 million--a decrease of 336,000 pounds (2 percent) compared with 1994. Together, Maine and Massachusetts produced 85 percent of the total national landings. The average exvessel price per pound was $3.24 in 1995 compared with $2.95 in 1994.

LOBSTERS, SPINY. U.S. landings of spiny lobster were 7.1 million pounds valued at $34.2 million--a decrease of 981,000 pounds (12 percent), but an increase of $773,000 (2 percent) compared with 1994. Florida, with landings of 6.5 million pounds valued at $29.4 million, accounted for 91 percent of the total catch and 85 percent of the value. This was a decrease of 1.1 million pounds (14 percent) and $272,000 (1 percent) compared with 1994. Overall the average exvessel price per pound was $4.80 in 1995 compared with $4.12 in 1994.

OYSTERS. U.S. oyster landings yielded 40.4 million pounds of meats valued at $101.6 million--an increase of 2.3 million pounds (6 percent) and $7.8 million (8 percent) compared with 1994. The Gulf region led in production with 26.7 million pounds of meats, 66 percent of the national total; followed by the Pacific region (principally Washington with 76 percent of the region's total volume) with 6.5 million pounds (16 percent), and the New England region, with 5.0 million pounds (13 percent). The average exvessel price per pound of meats was $2.52 in 1995 compared with $2.46 in 1994.

SHRIMP. U.S. landings of shrimp were 306.8 million pounds valued at $569.8 million--an increase of 24.2 million pounds (9 percent) and $5.6 million (1 percent) compared with 1994. Shrimp landings increased in the South Atlantic (up 36 percent), New England (75 percent), and the Gulf (12 percent). The landings in the Pacific decreased 15 percent when compared with 1994. The average exvessel price per pound of shrimp decreased to $1.86 in 1995 compared with $2.00 in 1994. Gulf region landings were the nation's largest with 219.8 million pounds, and 72 percent of the national total. Louisiana led all Gulf states with 88.3 million pounds (down 1 percent), followed by Texas, 76.9 million pounds (down less than 1 percent); Alabama, 20.5 million pounds (up 29 percent); Florida (West Coast),

Trend in Commercial Landings, 1986-1995
Shrimp



18.8 million pounds (up 27 percent); and Mississippi, 15.4 million pounds (up 76 percent). In the Pacific region Oregon was the sixth leading State nationwide with landings of 12.1 million pounds (down 26 percent). Washington landings of 8.6million pounds increased 36 percent and California landings of 7.6 million pounds decreased 40 percent compared with 1994.

SCALLOPS. U.S. landings of bay and sea scallops totaled 18.6 million pounds of meats valued at $93.4 million – an increase of 262,000 pounds (1 percent) and $1.4 million (2 percent) compared with 1994. The average exvessel price per pound of meats increased from $3.88 in 1994 to $5.02 in 1995.

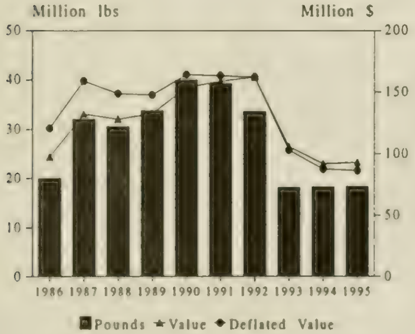
Bay scallop landings were 253,000 pounds of meats valued at $538,000--an increase of 174,000 pounds (220 percent) and $387,000 (256 percent) compared with 1994. The average exvessel price per pound of meats was $2.13 in 1995 compared with $1.91 in 1994.

Sea scallop landings were 18.3 million pounds of meats valued at $92.8 million--an increase of 88,000 pound (less than 1 percent) and $1.0 million (1 percent) compared with 1994. Massachusetts and Virginia were the leading states in landings of sea scallops with 7.7 and 5.8 million pounds of meats, respectively. These represent 74 percent of the national total. The average exvessel price per pound of meats in 1995 was $5.07 compared with $5.04 in 1994.

Florida accounted for the total landings of calico scallops with 957,000 pounds valued at $1.2 million in 1995.

SQUID. U.S. commercial landings of squid were 229.5 million pounds valued at $55.9 million--an increase of 13.4 million pounds (6 percent) and a decrease of $7.8 million (12 percent) compared with 1994. California was the leading state with 154.8 million pounds, 67 percent of the national total. The Pacific region landings were 156.1 million pounds (up 28 percent), followed by the Middle Atlantic region, 37.1 million pounds (down 19 percent), the New England region, 35.6 million pounds (down 23 percent), and the Chesapeake Region, 974,000 pounds (up 35 percent) compared with 1994. The average exvessel price per pound for squid was 24 cents in 1995, compared with 30 cents in 1994.

Trend in Commercial Landings, 1986-1995
Atlantic Sea Scallops



REVIEW

PER CAPITA CONSUMPTION

The NMFS calculation of per capita consumption is based on a "disappearance" model. The total U.S. supply of imports and landings is converted to edible weight and decreases in supply such as exports and inventories are subtracted out. The remaining total is divided by a population value to estimate per capita consumption. Data for the model are derived primarily from secondary sources and are subject to incomplete reporting; changes in source data or invalid model assumptions may each have a significant effect on the resulting calculation.

U.S. per capita consumption of fish and shellfish was 15.0 pounds (edible meat) in 1995. This total was 0.2 pounds less than the 15.2 pounds consumed in 1994. Per capita consumption of fresh and frozen products was 10.0 pounds, a decrease of 0.4 pounds from 1994. Fresh and frozen finfish accounted for 6.3 pounds while fresh and frozen shellfish consumption was 3.7 pounds per capita. The fresh and frozen finfish includes approximately 0.8 pounds of farm raised catfish. Consumption of canned fishery products was 4.7 pounds per capita in 1995, an increase of 0.2 pounds from 1994. Imports of edible seafood made up 54 percent of the consumption.

Per Capita Use. Per capita use is based on the supply of fishery products, both edible and non-edible (industrial), on a round-weight equivalent basis without considering beginning or ending stocks, defense purchases, or exports. The per capita use of all edible and industrial fishery products in 1995 was 63.1 pounds, down 11.0 pounds compared with 1994.

REVIEW

PROCESSED FISHERY PRODUCTS

FRESH AND FROZEN

FISH FILLETS AND STEAKS. In 1995 the U.S. production of raw (uncooked) fish fillets and steaks, including blocks, was 385.3 million pounds--39.7 million pounds less than the 425.0 million pounds in 1994. These fillets and steaks were valued at $840.9 million--$5.1 million more than 1994. Alaska pollock fillets and blocks led all species with 135.5 million pounds--35 percent of the total. Production of groundfish fillets and steaks (see Glossary Section-Groundfish) was 216.7 million pounds compared with 220.4 million pounds in 1994.

FISH STICKS AND PORTIONS. The combined production of fish sticks and portions was 325.4 million pounds valued at $429.7 million compared with the 1994 production of 255.1 million pounds valued at $319.8 million--an increase of 70.3 million pounds and $109.9 million.

The total production of fish sticks amounted to 75.0 million pounds valued at $74.6 million--an increase of 16.2 million pounds and $23.2 million compared with 1994. The total production of fish portions amounted to 250.4 million pounds valued at $355.1 million--an increase of 54.1 million pounds and $86.8 million compared with 1994.

BREADED SHRIMP. The production of breaded shrimp in 1995 was 100.4 million pounds valued at $298.7 million, compared with the 1994 production of 113.5 million pounds valued at $304.9 million.

FROZEN FISHERY TRADE. In 1995, stocks of frozen fishery products in cold storage were at a low of 290.3 million pounds on June 30 and a high of 404.9 million pounds on November 30. Cold storage holdings of shrimp products were at a high of 51.8 million pounds on December 31 and a low of 41.0 million pounds on April 30. Holdings of saltwater fillets and steaks reached a high of 89.0 million pounds on November 30 and were at a low of 59.8 million pounds on August 31. Holdings of blocks and slabs were at a high of 36.8 million pounds on December 31 and a low of 31.8 million pounds on November 30. Surimi and analog product holdings reached a high of 27.4 million pounds on November 30 and were at a low of 16.9 million pounds on September 30.

REVIEW

PROCESSED FISHERY PRODUCTS

CANNED FISHERY PRODUCTS

CANNED FISHERY PRODUCTS. The pack of canned fishery products in the 50 states, American Samoa, and Puerto Rico was 1.9 billion pounds valued at $1.9 billion--an increase of 159.3 million pounds, and $91.6 million compared with the 1994 pack. The 1995 pack included 1.1 billion pounds valued at $1.5 billion for human consumption and 842.4 million pounds valued at $342.8 million for bait and animal food.

CANNED SALMON. The 1995 U.S. pack of natural Pacific salmon was 243.6 million pounds valued at $419.2 million, compared with 206.8 million pounds valued at $329.0 million packed in 1994. Alaskan plants accounted for 96 percent in quantity and 95 percent in value of the salmon pack.

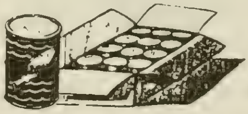
CANNED SARDINES. The pack of Maine sardines (small herring) was 13.6 million pounds valued at $23.7 million, a decrease of 2.0 million pounds and $3.9 million compared with 1994. There were 6.8 million pounds of herring valued at $12.0 million packed in 1995 -- 524,000 pounds and $793,000 more than the 1994 pack.

CANNED TUNA. The U.S. pack of tuna was 666.6 million pounds valued at $938.5 million--an increase of 57.1 million pounds in quantity but a decrease of $24.7 million in value compared with the 1994 pack. The pack of albacore tuna was 164.4 million pounds -- 3.9 million pounds more than the 160.5 million pounds produced in 1994. Albacore tuna comprised 25 percent of the tuna pack in 1995. Lightmeat tuna (bigeye, bluefin, skipjack, and yellowfin) comprised the remainder with a pack of 502.2 million pounds --53.2 million pounds more than the 449.0 million pounds packed in 1994.

CANNED CLAMS. The 1995 U.S. pack of clams (whole, minced, chowder, juice, and specialties) was 129.2 million pounds valued at $109.8 million--an increase of 7.0 million pounds and $4.2 million more in value than the pack in 1994. The pack of whole and minced clams was 43.0 million pounds--7.6 million pounds more than the 1994 pack and accounted for 33 percent of the total clam pack. Clam chowder and clam juice was 74.7 million pounds and made up the majority of the remaining pack.

CANNED SHRIMP. The U.S. pack of natural shrimp was 912,000 pounds valued at $6.7 million--an increase of 449,000 pounds and $3.2 million in value compared with the 1994 pack.

OTHER CANNED ITEMS. The pack of pet food was 842.4 million pounds valued at $342.8 million--an increase of 60.1 million pounds compared with the 1994 pack.



REVIEW

PROCESSED FISHERY PRODUCTS

INDUSTRIAL FISHERY PRODUCTS

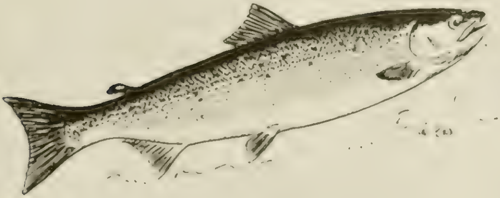
INDUSTRIAL FISHERY PRODUCTS. The value of the domestic production of industrial fishery products was $245.4 million--a decrease of $2.8 million compared with the 1994 value of $248.2 million.

FISH MEAL. The domestic production of fish and shellfish meal was 667.2 million pounds valued at $122.2 million--a decrease of 140.6 million pounds and $12.4 million compared with 1994. Menhaden meal production was 450.5 million pounds valued at $82.5 million--a decrease of 121.2 million pounds and $8.3 million compared with 1994. Menhaden accounted for 68 percent of the 1995 production of meal. Shellfish meal production was 16.4 million pounds--a decrease of 1.1 million pounds from the 1994 level. Tuna and mackerel meal production was 64.5 million pounds--a decrease of 4.3 million pounds from 1994. Production of unclassified meal (consisting mainly of Alaska pollock and unclassified fish) was 135.7 million pounds--a decrease of 14.0 million pounds compared with 1994.

FISH SOLUBLES. Domestic production of fish solubles was 89.5 million pounds, 57.1 million pounds less than the 1994 production.

FISH OILS. The domestic production of fish oils was 241.9 million pounds valued at $42.3 million--a decrease of 49.9 million pounds, but an increase of $5.1 million in value compared with 1994 production. The production of menhaden oil was 238.2 million pounds valued at $41.9 million--a decrease of 51.1 million pounds, but an increase of $5.1 million compared with 1994. Menhaden oil accounted for 98 percent of the volume and value of the total 1995 fish oil production.

OTHER INDUSTRIAL PRODUCTS. Oyster shell products, together with agar-agar, animal feeds, crab and clam shells processed for food serving, fish pellets, Irish moss extracts, kelp products, dry and liquid fertilizers, pearl essence, and mussel shell buttons were valued at $73.1 million, compared with $62.0 million in 1994--an increase of $11.1 million.



REVIEW

FOREIGN TRADE IN FISHERY PRODUCTS

IMPORTS. U.S. imports of edible fishery products in 1995 were valued at $6.8 billion, $146.6 million more than in 1994. The quantity of edible imports was 3.1 billion pounds, 31.6 million pounds more than the quantity imported in 1994.

Edible imports consisted of 2.6 billion pounds of fresh and frozen products valued at $6.1 billion, 378.4 million pounds of canned products valued at $503.4 million, 70.9 million pounds of cured products valued at $135.8 million, 4.7 million pounds of caviar and roe products valued at $33.7 million, and 14.9 million pounds of other products valued at $46.4 million.

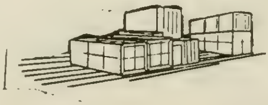
The quantity of shrimp imported in 1995 was 597.2 million pounds, 30.7 million pounds less than the quantity imported in 1994. Valued at $2.6 billion, shrimp imports accounted for 38 percent of the value of total edible imports. Imports of fresh and frozen tuna were 495.9 million pounds, 37.5 million pounds more than the 458.4 million pounds imported in 1994. Imports of canned tuna were 215.4 million pounds, 33.7 million pounds less than in 1994. Imports of fresh and frozen fillets and steaks amounted to 477.5 million pounds, an increase of 38.4 million pounds from 1994. Regular and minced block imports were 210.3 million pounds, an increase of 10.7 million pounds from 1994.

Imports of nonedible fishery products were valued at $5.7 billion--an increase of $318.2 million compared with 1994. The total value of edible and nonedible products was $12.5 billion in 1995, $464.8 million more than in 1994 when $12.0 billion of fishery products were imported.

EXPORTS. U.S. exports of edible fishery products were 2.0 billion pounds valued at $3.3 billion, an increase of 37.3 million pounds and $136.1 million when compared with 1994.

Fresh and frozen items were 1.7 billion pounds valued at $2.5 billion, an increase of 9.1 million pounds and $59.7 million compared with 1994. In terms of individual species, fresh and frozen exports consisted principally of 303.4 million pounds of salmon valued at $553.8 million, 298.5 million pounds of surimi valued at $353.5 million and 46.9 million pounds of crabs valued at $204.7 million. Canned items were 139.8 million pounds valued at $236.6 million. Salmon was the major canned item exported, with 95.7 million pounds valued at $175.4 million. Cured items were 13.2 million pounds valued at $25.9 million. Caviar and roe exports were 107.8 million pounds valued at $495.7 million.

Exports of nonedible products were valued at a record $5.0 billion compared with $4.3 billion in 1994. Exports of fishmeal amounted to 177.0 million pounds valued at $41.3 million. The total value of edible and nonedible exports was $8.3 billion--an increase of $887.2 million compared with 1994.



U.S. COMMERCIAL LANDINGS

U.S. DOMESTIC LANDINGS, BY SPECIES, 1994 AND 1995 (1)

Species	1994			1995			Average ([illegible])
Fish	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Alewives	964	437	188	854	387	111	[illegible]
Anchovies	8,334	3,780	1,890	6,786	3,078	1,193	[illegible]
Bluefish	9,825	4,457	2,937	8,379	3,801	2,655	[illegible]
Bonito	2,812	1,276	603	624	283	167	[illegible]
Butterfish	10,215	4,633	4,857	6,430	2,917	3,186	[illegible]
Cod:							
Atlantic	38,653	17,533	36,160	29,631	13,441	28,184	[illegible]
Pacific	460,287	208,785	95,836	591,399	268,257	109,680	[illegible]
Croaker	11,460	5,198	4,321	16,027	7,270	5,895	[illegible]
Cusk	2,385	1,082	1,355	1,702	772	[illegible]	[illegible]
Flounders:							
Atlantic and Gulf:							
Blackback	7,920	3,592	11,214	8,825	4,002	12,661	[illegible]
Fluke	19,574	8,879	32,444	19,553	8,869	34,763	[illegible]
Yellowtail	6,821	3,094	8,125	4,149	1,882	5,887	[illegible]
Other	20,014	9,078	25,692	18,060	8,192	[illegible]	[illegible]
Pacific	372,526	168,977	49,105	372,958	169,177	72,995	[illegible]
Total	*426,855*	*193,620*	*126,580*	*423,443*	*192,072*	*150,239*	*466,253*
Groupers	12,264	5,563	26,628	10,491	4,759	22,665	[illegible]
Haddock	724	328	1,033	877	398	1,207	[illegible]
Hake:							
Pacific (whiting)	557,203	252,746	16,747	390,302	177,040	18,002	[illegible]
Red	3,749	1,701	936	3,543	1,607	996	[illegible]
White	10,568	4,794	5,787	9,434	4,279	6,111	[illegible]
Halibut	57,900	26,263	84,898	44,796	20,319	66,781	[illegible]
Herring, sea:							
Atlantic	100,997	45,812	5,816	147,181	66,761	8,654	[illegible]
Pacific	112,837	51,183	25,587	117,479	53,286	49,245	[illegible]
Jack mackerel	6,387	2,897	366	4,132	1,874	[illegible]	[illegible]
Lingcod	5,061	2,296	2,115	3,736	1,695	1,782	[illegible]
Mackerel:							
Atlantic	19,793	8,978	2,661	18,727	8,495	2,759	[illegible]
Chub	22,148	10,046	1,283	18,974	8,607	1,130	[illegible]
King	4,438	2,013	5,929	4,519	2,050	6,060	[illegible]
Spanish	5,986	2,715	2,807	4,896	2,221	[illegible]	[illegible]
Menhaden:							
Atlantic	631,622	286,502	39,886	806,302	365,736	47,247	[illegible]
Gulf	1,691,915	767,448	88,478	1,040,657	472,039	51,884	[illegible]
Total	*2,323,537*	*1,053,949*	*128,364*	*1,846,959*	*837,775*	*99,131*	*1,978,094*
Mullets	30,544	13,855	14,943	22,249	10,092	14,725	28,372
Ocean perch:							
Atlantic	968	439	602	962	436	608	1,419
Pacific	30,865	14,000	4,355	34,420	15,613	4,660	42,567
Pollock:							
Atlantic	8,238	3,737	6,730	7,152	3,244	6,602	14,993
Alaska	3,124,531	1,417,278	375,926	2,852,618	1,293,939	259,614	3,059,600
Rockfishes	91,705	41,597	44,062	90,119	40,878	41,125	113,289
Sablefish	71,339	32,359	84,827	65,904	29,894	[illegible]	[illegible]
Salmon, Pacific:							
Chinook or king	18,927	8,585	26,174	24,733	11,219	[illegible]	[illegible]
Chum or keta	133,636	60,617	34,651	269,141	122,082	[illegible]	[illegible]
Pink	365,203	165,655	60,512	444,667	201,700	[illegible]	[illegible]
Red or sockeye	304,813	138,262	275,766	349,690	158,618	[illegible]	[illegible]
Silver or coho	78,507	35,611	59,304	[illegible]	[illegible]	[illegible]	[illegible]
Total	*901,086*	*408,730*	*456,407*	*1,137,410*	*515,926*	*520,812*	*804,296*
Sardine, Pacific	28,867	13,094	2,274	[illegible]	[illegible]	[illegible]	[illegible]
Scup or porgy	10,297	4,671	7,028	[illegible]	[illegible]	[illegible]	[illegible]
Sea bass:							
Black	4,480	2,032	6,348	[illegible]	[illegible]	[illegible]	[illegible]
White	78	35	145	[illegible]	[illegible]	[illegible]	[illegible]
Sea trout:							
Gray	6,101	2,767	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Spotted	2,341	1,062	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
White	418	[illegible]	244	[illegible]	[illegible]	[illegible]	[illegible]
Sharks:							
Dogfish	46,829	21,241	6,393	52,980	[illegible]	[illegible]	[illegible]
Other	16,394	7,436	11,293	14,165	[illegible]	[illegible]	[illegible]

See notes at end of table.

(Continued)

U.S. DOMESTIC LANDINGS, BY SPECIES, 1994 AND 1995 (1) - Continued

Species	1994			1995			Average (1990-94)
Fish - Continued:	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds
Snapper:							
Red...............	3,771	1,711	8,718	3,645	1,653	8,356	3,244
Other.............	7,591	3,443	14,226	5,951	2,699	12,223	7,474
Striped bass........	1,648	748	2,704	3,624	1,644	5,584	1,278
Swordfish...........	15,260	6,922	44,728	13,043	5,916	37,270	17,737
Tilefish............	3,347	1,518	5,882	2,832	1,285	5,002	4,417
Tuna:							
Albacore..........	25,680	11,648	22,163	17,208	7,805	14,284	12,845
Bigeye............	6,811	3,089	27,071	6,787	3,079	25,613	5,571
Bluefin...........	4,399	1,995	23,052	3,414	1,549	25,639	3,962
Skipjack..........	6,877	3,119	4,184	17,047	7,732	6,808	8,378
Yellowfin.........	27,037	12,264	31,489	18,553	8,416	29,835	24,241
Unclassified......	991	450	702	855	388	459	1,418
Total.........	*71,795*	*32,566*	*108,661*	*63,864*	*28,969*	*102,638*	*56,416*
Whiting.............	35,619	16,157	13,828	33,548	15,217	14,632	37,656
Other marine finfishes.........	373,318	169,336	152,057	390,382	177,076	154,975	---
Other freshwater finfishes..........	29,464	13,365	19,268	17,884	8,112	6,201	---
Total, fish....	*9,132,276*	*4,142,373*	*1,984,376*	*8,636,731*	*3,917,595*	*1,950,347*	---
Shellfish, et al.							
Clams:							
Hard..............	11,495	5,214	40,184	17,812	8,079	67,405	12,319
Ocean quahog......	46,502	21,093	18,654	49,006	22,229	20,714	48,892
Soft..............	2,765	1,254	12,547	2,434	1,104	11,112	4,231
Surf..............	68,448	31,048	42,306	63,345	28,733	39,035	70,987
Other.............	2,217	1,006	8,671	1,627	738	2,148	2,585
Total..........	*131,427*	*59,615*	*122,362*	*134,224*	*60,884*	*140,414*	*139,014*
Crabs:							
Blue, hard........	209,045	94,822	137,129	201,545	91,420	144,668	214,984
Dungeness.........	46,006	20,868	63,024	47,830	21,696	79,562	39,374
King..............	11,960	5,425	52,083	14,673	6,656	45,457	23,561
Snow (tanner).....	159,574	72,382	242,798	80,817	36,658	202,392	267,173
Other.............	20,357	9,234	37,953	18,774	8,516	39,908	19,931
Total..........	*446,942*	*202,732*	*532,987*	*363,639*	*164,946*	*511,987*	*565,022*
Lobsters:							
American..........	66,416	30,126	196,175	66,406	30,122	214,838	60,625
Spiny.............	8,104	3,676	33,403	7,123	3,231	34,176	6,654
Oysters.............	38,086	17,276	93,737	40,380	18,316	101,574	33,774
Scallops							
Bay...............	79	36	151	253	115	538	387
Calico............	7,162	3,249	6,944	957	434	1,219	---
Sea...............	18,228	8,268	91,793	18,316	8,308	92,826	29,818
Shrimp:							
New England.......	8,197	3,718	6,501	14,383	6,524	12,803	7,548
South Atlantic....	28,909	13,113	68,456	39,369	17,858	91,131	29,039
Gulf..............	206,220	93,541	462,710	219,823	99,711	437,444	222,606
Pacific...........	39,237	17,798	26,175	33,241	15,078	28,387	56,760
Other.............	63	29	326	53	24	269	NA
Total..........	*282,626*	*128,198*	*564,168*	*306,869*	*139,195*	*570,034*	*315,972*
Squid:							
Atlantic..........	93,389	42,361	43,409	74,248	33,679	33,269	79,376
Pacific...........	122,395	55,518	20,335	155,280	70,435	22,660	65,821
Other shellfish.....	114,258	51,827	116,860	99,773	45,257	96,438	---
Total, shellfish et al.........	*1,329,112*	*602,881*	*1,822,324*	*1,267,468*	*574,920*	*1,819,973*	---
Grand total........	*10,461,388*	*4,745,254*	*3,806,700*	*9,904,199*	*4,492,515*	*3,770,320*	---

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River Drainage area States are not available.

Note:--Data are preliminary. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States, or catches by U.S.-flag vessels transferred to internal water processing vessels (IWPs) U.S. waters. Data do not include aquaculture products, except oysters and clams.

U.S. COMMERCIAL LANDINGS

DISPOSITION OF U.S. DOMESTIC LANDINGS, 1994 AND 1995

End Use	1994		1995	
	Million pounds	Percent	Million pounds	Percent
Fresh and frozen:				
For human food	7,265	69.4	6,987	70.5
For bait and animal food	210	2.0	228	2.3
Total	*7,475*	*71.5*	*7,215*	*72.8*
Canned:				
For human food	577	5.5	706	7.1
For bait and animal food	45	0.4	63	0.6
Total	*622*	*5.9*	*769*	*7.8*
Cured for human food	95	0.9	90	0.9
Reduction to meal, oil, etc	2,269	21.7	1,830	18.5
Grand total	*10,461*	*100.0*	*9,904*	*100.0*

NOTE:--Data are preliminary. Table may not add due to rounding.

DISPOSITION OF U.S. DOMESTIC LANDINGS, BY MONTH, 1995

Month	Landings for Human food		Landings for Industrial purposes (1)		Total	
	Million pounds	Percent	Million pounds	Percent	Million pounds	Percent
January	430	5.5	15	0.7	445	4.5
February	1,263	16.2	26	1.2	1,289	13.0
March	646	8.3	24	1.1	670	6.8
April	420	5.4	78	3.7	498	5.0
May	474	6.1	186	8.8	660	6.7
June	518	6.7	332	15.7	850	8.6
July	865	11.1	369	17.4	1,234	12.5
August	1,089	14.0	365	17.2	1,454	14.7
September	1,290	16.6	341	16.1	1,631	16.5
October	399	5.1	191	9.0	590	6.0
November	224	2.9	105	5.0	329	3.3
December	165	2.1	89	4.2	254	2.6
Total	*7,783*	*100.0*	*2,121*	*100.0*	*9,904*	*100.0*

(1) Processed into meal, oil, solubles, and shell products, or used as bait and animal food.

U.S. COMMERCIAL LANDINGS OF FISH AND SHELLFISH, 1986-1995 (1)

Year	Landings for Human food		Landings for Industrial purposes (1)		Total	
	Million pounds	Million dollars	Millions pounds	Million dollars	Millions pounds	Million dollars
1986	3,393	2,641	2,638	122	6,031	2,763
1987	3,946	2,979	2,950	136	6,896	3,115
1988	4,588	3,362	2,604	158	7,192	3,520
1989	6,204	3,111	2,259	127	8,463	3,238
1990	7,041	3,366	2,363	156	9,404	3,522
1991	7,031	3,169	2,453	139	9,484	3,308
1992	7,618	3,531	2,019	147	9,637	3,678
1993	*8,214	3,317	2,253	154	10,467	3,471
1994	7,936	3,712	2,525	95	10,461	3,807
1995	7,783	3,625	2,121	145	9,904	3,770

(1) Statistics on landings are shown in round weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are shown in weight of meats (excluding the shell). All data are preliminary. (2) Processed into meal, oil, solubles, and shell products, or used as bait or animal food. * Record. Record--1983 industrial purposes, 3,201 million lb. NOTE:--Data do not include landings outside the 50 States or products of aquaculture, except oysters and clams.

U.S. DOMESTIC LANDINGS, BY STATES, 1994 AND 1995 (1)

States	1994		1995		Record Landings	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Year	Thousand pounds
Alabama...........	23,488	48,300	28,741	49,656	1973	36,744
Alaska............	5,388,923	1,449,045	5,410,090	1,431,679	1993	5,905,638
California........	343,429	159,148	432,520	166,522	1936	1,760,193
Connecticut.......	19,797	44,376	21,914	56,705	1930	88,012
Delaware..........	6,988	6,118	10,108	7,858	1953	367,500
Florida...........	176,551	238,995	133,483	198,067	1938	241,443
Georgia...........	14,506	20,302	20,341	35,268	1927	47,607
Hawaii............	27,090	62,451	29,892	59,847	1993	34,582
Illinois..........	405	566	235	444	-	(2)
Indiana...........	1,411	1,919	1,025	2,225	-	(2)
Louisiana.........	1,704,387	336,314	1,110,220	290,576	1984	1,931,027
Maine.............	231,035	243,360	231,804	216,546	1950	356,266
Maryland..........	67,512	60,503	68,030	60,570	1890	141,607
Massachusetts.....	183,307	205,939	204,255	224,361	1948	649,696
Michigan..........	13,641	9,266	14,331	10,143	1930	35,580
Minnesota.........	480	236	497	236	-	(2)
Mississippi.......	220,828	44,990	145,468	41,735	1985	439,518
New Hampshire.....	12,099	12,746	12,763	14,923	-	(2)
New Jersey........	201,598	99,866	177,177	95,479	1956	540,060
New York..........	44,721	42,817	53,210	76,501	1880	335,000
North Carolina....	196,853	97,892	184,664	110,884	1981	432,006
Ohio..............	4,348	1,392	4,722	2,639	1936	31,083
Oregon............	245,560	66,305	238,764	77,766	1992	256,912
Pennsylvania......	371	292	506	496	-	(2)
Rhode Island......	111,808	76,807	121,929	68,422	1957	142,080
South Carolina....	17,571	27,788	24,162	37,669	1965	26,611
Texas.............	85,209	206,686	94,674	198,876	1960	237,684
Virginia..........	580,930	101,245	777,602	113,659	1990	786,794
Washington........	527,804	135,499	343,038	115,429	1994	527,804
Wisconsin.........	8,738	5,537	8,034	5,139	-	(2)
Total.....	*10,461,388*	*3,806,700*	*9,904,199*	*3,770,320*	-	-

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River Drainage Area States are not available.

(2) Data not available.

NOTE:--Data are preliminary. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States, or catches by U.S.-flag vessels transferred to internal water processing vessels (IWPs) in U.S. waters. Data do not include aquaculture products, except oysters and clams.

U.S. DOMESTIC LANDINGS, BY REGIONS, 1994 AND 1995 (1)

Region	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
New England............................	558,046	583,228	592,665	580,957
Middle Atlantic........................	253,237	148,741	240,413	179,747
Chesapeake.............................	648,442	161,748	845,632	174,229
South Atlantic.........................	286,674	214,997	277,035	238,112
Gulf...................................	2,152,719	806,270	1,464,718	724,619
Pacific Coast and Alaska............................	6,505,716	1,809,997	6,424,412	1,791,396
Great Lakes............................	29,464	19,268	29,432	21,413
Hawaii.................................	27,090	62,451	29,892	59,847
Total..........................	*10,461,388*	*3,806,700*	*9,904,199*	*3,770,320*

(1) Landings are reported in round (live) weight for all items except univalve and bivalve mollusks such as clams, oysters, and scallops, which are reported in weight of meats (excluding the shell). Landings for Mississippi River Drainage Area States are not available.

NOTE:--Data are preliminary. Data do not include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States, or catches by U.S.-flag vessels transferred to internal water processing vessels (IWPs) in U.S. waters. Data do not include aquaculture products, except oysters and clams.

COMMERCIAL FISHERY LANDINGS AND VALUE AT MAJOR U.S. PORTS, 1993-1995

Port	Quantity 1993	Quantity 1994	Quantity 1995	Port	Value 1993	Value 1994	Value 1995
	- - Million Pounds - -				- - Million Dollars - -		
Dutch Harbor-Unalaska, AK........	793.9	699.6	684.6	Dutch Harbor-Unalaska, AK........	161.2	*224.1	146.2
Kodiak, AK......................	374.2	307.7	362.4	Kodiak, AK......................	81.5	107.6	105.4
Empire-Venice, LA...............	335.4	431.7	298.1	New Bedford, MA.................	107.5	82.4	86.9
Cameron, LA.....................	323.1	401.8	280.0	Naknek-South Naknek, AK..........	43.5	61.5	84.3
Intercoastal City, LA...........	202.7	304.8	179.2	Key West, FL....................	35.2	53.0	66.7
Los Angeles, CA.................	99.8	98.2	168.5	Dulac-Chauvin, LA...............	48.0	55.0	53.4
Pascagoula-Moss Point, MS........	169.7	200.9	128.6	Empire-Venice, LA...............	52.3	60.1	51.1
Morgan City-Berwick, LA..........	147.5	243.6	127.4	Honolulu, HI....................	56.9	44.0	46.7
Dulac-Chauvin, LA...............	142.4	217.0	123.3	Petersburg, AK..................	32.8	43.4	44.8
Naknek-South Naknek, AK..........	78.7	100.4	120.9	Point Judith, RI................	35.2	36.5	43.7
Port Hueneme-Oxnard-Ventura, CA..	39.9	68.3	116.8	Portland, ME....................	49.1	43.6	39.4
Ketchikan, AK...................	100.6	93.6	116.7	Bayou La Batre, AL..............	24.3	36.7	37.5
Newport, OR.....................	89.0	122.2	112.0	Beaufort-Morehead City, NC.......	15.6	24.0	35.0
Point Judith, RI................	60.4	61.9	89.6	Ketchikan, AK...................	27.0	29.1	33.6
Astoria, OR.....................	68.0	78.9	89.0	Sitka, Ak.......................	14.3	24.3	32.4
Beaufort-Morehead City, NC.......	88.4	97.0	87.0	Golden Meadow-Leeville, LA.......	26.2	30.1	31.3
Petersburg, AK..................	110.2	126.3	83.0	Cape May-Wildwood, NJ............	36.2	33.8	30.5
Cape May-Wildwood, NJ............	95.0	85.3	75.4	Cameron, LA.....................	27.4	33.9	27.8
New Bedford, MA.................	82.1	65.8	70.5	Los Angeles, CA.................	13.7	24.5	27.0
Portland, ME....................	86.1	63.9	66.7	Port Hueneme-Oxnard-Ventura, CA..	10.3	26.7	26.8
Gloucester, MA..................	67.6	50.1	61.3	Hampton Roads Area, VA...........	24.7	26.2	26.6
Rockland, ME....................	31.9	33.8	44.5	Astoria, OR.....................	19.0	18.6	26.0
Cordova, AK.....................	18.1	60.8	42.5	Kenai, AK.......................	26.9	35.0	25.3
Atlantic City, NJ...............	41.6	42.8	42.3	Wanchese-Stumpy Point, NC........	14.2	22.0	25.0
Wanchese-Stumpy Point, NC........	32.1	39.0	39.0	Westport, WA....................	18.1	21.0	25.0
Kenai, AK.......................	38.1	44.3	35.0	Cordova, AK.....................	10.7	23.6	24.9
Sitka, AK.......................	26.3	32.4	31.0	Seward, AK......................	6.6	16.6	24.3
Valdez, AK......................	18.0	9.5	29.5	Gulfport, MS....................	(1)	18.2	23.3
Bellingham, WA..................	45.7	27.0	27.0	Gloucester, MA..................	31.3	27.3	23.2
Seward, AK......................	17.6	30.7	24.4	Atlantic City, NJ...............	17.8	20.9	22.2
Westport, WA....................	28.2	27.0	24.0	Newport, OR.....................	17.0	19.0	22.0
Key West, FL....................	20.3	21.5	23.4	Charleston-Mt. Pleasant, SC......	10.7	14.0	19.0
Homer, AK.......................	13.8	19.2	23.3	Tampa Bay-St. Petersburg, FL.....	19.6	20.9	18.2
Point Pleasant, NJ..............	21.9	37.0	22.7	Grand Isle, LA..................	13.5	12.1	17.8
Honolulu, HI....................	26.6	19.1	22.1	Cape Canaveral, FL..............	17.2	30.6	16.9
Bayou La Batre, AL..............	16.0	18.3	22.1	Homer, AK.......................	7.9	17.4	16.3
Crescent City, CA...............	24.3	28.4	21.8	Fort Myers, FL..................	(1)	23.5	15.9
Coos Bay-Charleston, OR.........	29.0	24.0	21.0	Delcambre, LA...................	12.8	18.9	15.5
Golden Meadow-Leeville, LA.......	20.8	17.2	18.7	San Francisco Area, CA..........	9.3	(1)	15.4
Monterery, CA...................	15.3	27.6	18.6	Bellingham, WA..................	20.2	17.0	15.0
Provincetown-Chatham, MA.........	19.2	18.6	18.4	Coos Bay-Charleston, OR..........	11.0	13.4	14.0
Ilwaco-Chinook, WA..............	21.4	24.0	18.0	Delacroix-Yscloskey, LA..........	11.8	37.6	12.8
Wrangell, AK....................	10.2	18.4	17.2	Pascagoula-Moss Point, MS........	10.7	22.0	12.3
San Francisco Area, CA...........	12.9	(1)	15.7	Shelton, WA.....................	(1)	10.0	12.0
Eureka, CA......................	18.3	(1)	15.1	Point Pleasant, NJ..............	12.2	15.3	11.8
Belford, NJ.....................	19.9	18.3	13.6	Crescent City, CA...............	12.4	18.4	11.5
Moss Landings, CA...............	6.9	14.3	13.4	Newport, RI.....................	11.2	12.1	11.4
Newport, RI.....................	11.9	12.1	13.2	Morgan City-Berwick, LA..........	13.0	20.0	11.3
Grand Isle, LA..................	18.0	9.6	12.6	Anacortes-La Conner, WA..........	11.9	6.0	11.0
Hampton Roads Area, VA...........	11.9	10.8	12.6	Darien-Bellville, GA.............	9.0	8.0	11.0
Ocean City, MD..................	14.1	12.5	12.5	Beaufort, SC....................	7.8	7.0	11.0
Blaine, WA......................	7.9	16.0	12.0	Valdez, AK......................	10.4	2.3	10.7
Gulfport, MS....................	(1)	7.5	12.0	Bon Secour-Gulf Shores, AL.......	9.4	10.8	10.4
Anacortes-La Conner, WA..........	20.6	7.0	12.0	Eureka, CA......................	9.1	11.2	10.3
Hampton Bay-Shinnicock, NY.......	14.7	12.8	11.9	Boston, MA......................	10.8	9.8	10.2
Fort Bragg, CA..................	8.4	10.2	11.8	Orleans, LA.....................	(1)	19.5	10.2
Anchorage, AK...................	8.4	8.4	11.3	Apalachicola, FL................	7.9	22.4	10.2
Charleston-Mt. Pleasant, SC......	7.4	8.0	11.0	Intercoastal City, LA...........	11.0	16.3	10.1
Englehard-Swanquarter, NC........	11.6	14.0	11.0	Santa Barbara, CA...............	15.8	13.4	10.1
Tampa Bay-St. Petersburg, FL.....	12.4	11.3	10.9	Seattle, WA.....................	9.4	9.0	10.0

(1) Not available. *Record--1960 for quantity of 848.2 million lb in Los Angeles, CA.

Notes:--To avoid disclosure of private enterprise certain leading ports have not been included.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1995 (1)

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Alewives.	854	111	-	-	-	-	854	111
Anchovies.	6,138	1,081	650	112	-	-	6,788	1,193
Bluefish	4,408	1,524	3,971	1,331	-	-	8,379	2,855
Bonito	189	96	435	171	-	-	624	267
Butterfish	929	420	5,501	2,766	-	-	6,430	3,186
Cod:								
Atlantic	295	287	29,336	27,897	-	-	29,631	28,184
Pacific.	35,626	6,634	555,773	103,046	-	-	591,399	109,680
Croaker.	11,585	4,459	4,442	1,396	-	-	16,027	5,855
Cusk	18	11	1,684	1,022	-	-	1,702	1,033
Flounders:								
Atlantic and Gulf:								
Blackback. . . .	1,715	2,315	7,108	10,346	-	-	8,823	12,661
Fluke.	6,334	11,394	13,219	23,369	-	-	19,553	34,763
Yellowtail . . .	94	134	4,055	5,753	-	-	4,149	5,887
Other.	2,258	3,265	15,802	20,668	-	-	18,060	23,933
Pacific.	25,128	5,548	347,730	67,447	-	-	372,858	72,995
Total.	*35,529*	*22,656*	*387,914*	*127,583*	-	-	*423,443*	*150,239*
Groupers	281	595	10,210	22,010	-	-	10,491	22,605
Haddock.	3	5	874	1,202	-	-	877	1,207
Hake:								
Pacific (whiting).	231,954	10,471	158,348	7,531	-	-	390,302	18,002
Red.	342	87	3,201	909	-	-	3,543	996
White.	134	87	9,300	6,024	-	-	9,434	6,111
Halibut.	13,965	20,602	31,374	46,892	9	21	45,348	67,515
Herring, sea:								
Atlantic	68,800	3,878	99,917	5,793	-	-	168,717	9,671
Pacific.	117,479	49,245	-	-	-	-	117,479	49,245
Jack mackerel. . . .	1,905	136	2,227	143	-	-	4,132	279
Lingcod.	676	355	3,060	1,427	-	-	3,736	1,782
Mackerel:								
Atlantic	1,004	215	17,723	2,544	-	-	18,727	2,759
Chub	458	584	4,061	5,476	-	-	4,519	6,060
King	17,077	1,017	1,897	113	-	-	18,974	1,130
Spanish.	3,037	1,329	1,859	833	-	-	4,896	2,162

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1995 (1)

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish - Continued:	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Menhaden								
Atlantic	806,245	47,243	57	4	-	-	806,302	47,247
Gulf	773,990	38,644	266,667	13,240	-	-	1,040,657	51,884
Total	*1,580,235*	*85,887*	*266,724*	*13,244*	-	-	*1,846,959*	*99,131*
Mullet	22,071	14,531	178	194	-	-	22,249	14,725
Ocean perch:								
Atlantic	2	2	960	606	-	-	962	608
Pacific	1,858	216	32,562	4,444	-	-	34,420	4,660
Pollock:								
Atlantic	42	41	7,110	6,561	-	-	7,152	6,602
Alaska	171,157	15,577	2,681,461	244,037	-	-	2,852,618	259,614
Rockfishes	4,223	1,924	85,896	39,201	-	-	90,119	41,125
Sablefish	3,535	7,120	62,369	116,574	-	-	65,904	123,694
Salmon:								
Chinook or king	18,935	24,540	5,798	9,899	-	-	24,733	34,439
Chum or keta	269,100	80,036	41	14	-	-	269,141	80,050
Pink	444,646	67,518	21	4	-	-	444,667	67,522
Red or sockeye	349,682	312,286	8	8	-	-	349,690	312,294
Silver or coho	46,002	24,134	3,177	2,373	-	-	49,179	26,507
Total	*1,128,365*	*508,514*	*9,045*	*12,298*	-	-	*1,137,410*	*520,812*
Sardines, Pacific	92,683	5,032	936	51	-	-	93,619	5,083
Scup or porgy	1,331	1,591	5,890	5,055	-	-	7,221	6,646
Sea bass:								
Black	224	329	2,636	3,410	-	-	2,860	3,739
White	-	-	72	161	-	-	72	161
Sea trout:								
Gray	4,554	2,915	2,270	1,209	-	-	6,824	4,124
Spotted	1,855	2,192	4	3	-	-	1,859	2,195
White	154	98	47	23	-	-	201	121
Sharks:								
Dogfish	11,205	1,637	41,775	7,879	-	-	52,980	9,516
Other	926	493	12,210	9,680	1,029	361	14,165	10,534
Snapper:								
Red	266	1,049	3,379	7,307	-	-	3,645	8,356
Other	643	1,390	5,308	10,833	-	-	5,951	12,223
Striped bass	3,533	5,472	91	112	-	-	3,624	5,584
Swordfish	7	26	10,832	32,213	2,204	5,031	13,043	37,270
Tilefish	2	4	2,830	4,998	-	-	2,832	5,002

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1995 (1)

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish - Continued:	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Tuna:								
Albacore	10	5	10,961	9,167	15,163	13,937	26,134	23,109
Bigeye	23	45	5,246	20,501	15,452	11,762	20,721	32,308
Bluefin.	-	-	2,704	24,612	710	1,027	3,414	25,639
Skipjack	164	200	1,627	1,823	342,763	126,239	344,554	128,262
Yellowfin.	320	689	11,347	24,720	86,647	41,966	98,314	67,375
Unclassified . . .	108	23	519	349	228	87	855	459
Total.	*625*	*962*	*32,404*	*81,172*	*460,963*	*195,018*	*493,992*	*277,152*
Whiting.	4,058	1,420	29,490	13,212	-	-	33,548	14,632
Other marine finfishes	128,096	61,255	261,371	92,859	915	861	390,382	154,975
Other freshwater finfishes	17,884	6,201	-	-	-	-	17,884	6,201
Total fish . .	*3,732,220*	*851,763*	*4,891,607*	*1,073,557*	*465,120*	*201,292*	*9,088,947*	*2,126,612*
Shellfish, et al								
Clams:								
Hard	17,812	67,405	-	-	-	-	17,812	67,405
Ocean quahog . . .	13,859	6,058	35,147	14,656	-	-	49,006	20,714
Soft	2,434	11,112	-	-	-	-	2,434	11,112
Surf	20,787	14,834	42,558	24,201	-	-	63,345	39,035
Other.	1,627	2,148	-	-	-	-	1,627	2,148
Total.	*56,519*	*101,557*	*77,705*	*38,857*	-	-	*134,224*	*140,414*
Crabs:								
Blue, hard	201,538	144,663	7	5	-	-	201,545	144,668
Dungeness.	37,519	62,277	10,311	17,285	-	-	47,830	79,562
King	2,646	8,642	12,027	36,815	-	-	14,673	45,457
Snow (tanner). . .	2,526	8,496	78,291	193,896	-	-	80,817	202,392
Other.	7,755	13,748	11,019	26,160	-	-	18,774	39,908
Total.	*251,984*	*237,826*	*111,655*	*274,161*	-	-	*363,639*	*511,987*
Lobsters:								
American	56,327	176,800	10,079	38,038	-	-	66,406	214,838
Spiny.	2,708	14,303	4,415	19,873	-	-	7,123	34,176
Oysters.	40,380	101,574	-	-	-	-	40,380	101,574

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1995 (1)

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Shellfish - Continued:	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Scallops:								
Bay.	253	537	(3)	1	-	-	253	538
Calico	12	38	945	1,181	-	-	957	1,219
Sea.	1,520	7,296	16,796	85,530	-	-	18,316	92,826
Shrimp:								
New England. . . .	4,050	3,681	10,333	9,122	-	-	14,383	12,803
South Atlantic . .	33,003	81,139	6,366	9,992	-	-	39,369	91,131
Gulf	127,676	219,787	92,147	217,657	-	-	219,823	437,444
Pacific Coast. . .	5,707	5,725	27,533	22,659	1	3	33,241	28,387
Other.	16	81	37	188	-	-	53	269
Total.	*170,452*	*310,413*	*136,416*	*259,618*	-	-	*306,869*	*570,034*
Squid:								
Atlantic	4,523	2,762	69,725	30,507	-	-	74,248	33,269
Pacific.	155,074	22,642	206	18	-	-	155,280	22,660
Other shellfish. . .	98,742	95,697	1,031	741	-	-	99,773	96,438
Total shell-fish et al.. . .	*838,494*	*1,071,445*	*428,973*	*748,525*	*1*	*3*	*1,267,468*	*1,819,973*
Grand total, 1995	*4,570,714*	*1,923,208*	*5,320,580*	*1,822,082*	*465,121*	*201,295*	*10,356,415*	*3,946,585*
Grand total, 1994 (5)	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*

(1) Landings are reported in round (live) weight for all items, except univalve and bivalve mollusks, such as clams, oysters and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore landings data collected by the states and the service for 1995.

(2) Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.

(3) Less than 500 lb or $500.

(4) Data are confidential and included with unclassified shellfish.

(5) Data not available for 1994.

NOTE:--Data are preliminary. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States, and catches by U.S.-flag vessels transferred to internal water processing vessels (IWPs) in U.S. waters. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters and clams.

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1993 (1)

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars
Alewives.	387	111	-	-	-	-	387	111
Anchovies.	2,784	1,081	295	112	-	-	3,079	1,193
Bluefish	1,999	1,524	1,801	1,331	-	-	3,801	2,855
Bonito	86	96	197	171	-	-	283	267
Butterfish	421	420	2,495	2,766	-	-	2,917	3,186
Cod:								
Atlantic	134	287	13,307	27,897	-	-	13,441	28,184
Pacific.	16,160	6,634	252,097	103,046	-	-	268,257	109,680
Croaker.	5,255	4,459	2,015	1,396	-	-	7,270	5,855
Cusk	8	11	764	1,022	-	-	772	1,033
Flounders:								
Atlantic and Gulf:								
Blackback. . . .	778	2,315	3,224	10,346	-	-	4,002	12,661
Fluke.	2,873	11,394	5,996	23,369	-	-	8,869	34,763
Yellowtail . . .	43	134	1,839	5,753	-	-	1,882	5,887
Other.	1,024	3,265	7,168	20,668	-	-	8,192	23,933
Pacific.	11,398	5,548	157,729	67,447	-	-	169,127	72,995
Total.	*16,116*	*22,656*	*175,957*	*127,583*	-	-	*192,072*	*150,239*
Groupers	127	595	4,631	22,010	-	-	4,759	22,605
Haddock.	1	5	396	1,202	-	-	398	1,207
Hake:								
Pacific (whiting).	105,214	10,471	71,826	7,531	-	-	177,040	18,002
Red.	155	87	1,452	909	-	-	1,607	996
White.	61	87	4,218	6,024	-	-	4,279	6,111
Halibut.	6,334	20,602	14,231	46,892	4	21	20,570	67,515
Herring, sea:								
Atlantic	31,207	3,878	45,322	5,793	-	-	76,530	9,671
Pacific.	53,288	49,245	-	-	-	-	53,288	49,245
Jack mackerel. . . .	864	136	1,010	143	-	-	1,874	143
Lingcod.	307	355	1,388	1,427	-	-	1,695	1,782
Mackerel:								
Atlantic	455	215	8,039	2,544	-	-	8,495	2,759
Chub	208	584	1,842	5,476	-	-	2,050	6,060
King	7,746	1,017	860	113	-	-	8,607	1,130
Spanish.	1,378	1,329	843	833	-	-	2,221	2,162

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1993 (1) -- Continued

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish - Continued:	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars
Menhaden								
Atlantic	365,710	47,243	26	4	-	-	365,736	47,247
Gulf	351,080	38,644	120,959	13,240	-	-	472,039	51,884
Total	*716,790*	*85,887*	*120,985*	*13,244*	-	-	*837,775*	*99,131*
Mullet	10,011	14,531	81	194	-	-	10,092	14,725
Ocean perch:								
Atlantic	1	2	435	606	-	-	436	608
Pacific.	843	216	14,770	4,444	-	-	15,613	4,660
Pollock:								
Atlantic	19	41	3,225	6,561	-	-	3,244	6,602
Alaska	77,636	15,577	1,216,303	244,037	-	-	1,293,939	259,614
Rockfishes	1,916	1,924	38,962	39,201	-	-	40,878	41,125
Sablefish.	1,603	7,120	28,290	116,574	-	-	29,894	123,694
Salmon:								
Chinook or king. .	8,589	24,540	2,630	9,899	-	-	11,219	34,439
Chum or keta . . .	122,063	80,036	19	14	-	-	122,082	80,050
Pink	201,690	67,518	10	4	-	-	201,700	67,522
Red or sockeye . .	158,615	312,286	4	8	-	-	158,618	312,294
Silver or coho . .	20,866	24,134	1,441	2,373	-	-	22,307	26,507
Total	*511,823*	*508,514*	*4,103*	*12,298*	-	-	*515,926*	*520,812*
Sardines, Pacific. .	42,041	5,032	425	51	-	-	42,465	5,083
Scup or porgy. . . .	604	1,591	2,672	5,055	-	-	3,275	6,646
Sea bass:								
Black.	102	329	1,196	3,410	-	-	1,297	3,739
White.	-	-	33	161	-	-	33	161
Sea trout:								
Gray	2,066	2,915	1,030	1,209	-	-	3,095	4,124
Spotted.	841	2,192	2	3	-	-	843	2,195
White.	70	98	21	23	-	-	91	121
Sharks:								
Dogfish.	5,083	1,637	18,949	7,879	-	-	24,032	9,516
Other.	420	493	5,538	9,680	467	361	6,425	10,534
Snapper:								
Red.	121	1,049	1,533	7,307	-	-	1,653	8,356
Other.	292	1,390	2,408	10,833	-	-	2,699	12,223
Striped bass	1,603	5,472	41	112	-	-	1,644	5,584
Swordfish.	3	26	4,913	32,213	1,000	5,031	5,916	37,270
Tilefish	1	4	1,284	4,998	-	-	1,285	5,002

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1993 (1) -- Continued

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Fish - Continued:	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars
Tuna:								
Albacore	5	5	4,972	9,167	6,878	13,937	11,854	23,109
Bigeye	10	45	2,380	20,501	7,009	11,762	9,399	32,308
Bluefin	-	-	1,227	24,612	322	1,027	1,549	25,639
Skipjack	74	200	738	1,823	155,476	126,239	156,289	128,262
Yellowfin	145	689	5,147	24,720	39,303	41,966	44,595	67,375
Unclassified	49	23	235	349	103	87	388	459
Total	*283*	*962*	*14,698*	*81,172*	*209,091*	*195,018*	*224,073*	*277,152*
Whiting	1,841	1,420	13,377	13,212	-	-	15,217	14,632
Other marine finfishes	58,104	61,255	118,557	92,859	-	-	176,661	154,114
Other freshwater finfishes	8,112	6,201	-	-	-	-	8,112	6,201
Total fish	*1,692,924*	*851,763*	*2,218,818*	*1,073,557*	*210,977*	*201,292*	*4,122,719*	*2,126,612*
Shellfish, et al								
Clams:								
Hard	8,079	67,405	-	-	-	-	8,079	67,405
Ocean quahog	6,286	6,058	15,943	14,656	-	-	22,229	20,714
Soft	1,104	11,112	-	-	-	-	1,104	11,112
Surf	9,429	14,834	19,304	24,201	-	-	28,733	39,035
Other	738	2,148	-	-	-	-	738	2,148
Total	*25,637*	*101,557*	*35,247*	*38,857*	-	-	*60,884*	*140,414*
Crabs:								
Blue, hard	91,417	144,663	3	5	-	-	91,420	144,668
Dungeness	17,019	62,277	4,677	17,285	-	-	21,696	79,562
King	1,200	8,642	5,455	36,815	-	-	6,656	45,457
Snow (tanner)	1,146	8,496	35,513	193,896	-	-	36,658	202,392
Other	3,518	13,748	4,998	26,160	-	-	8,516	39,908
Total	*114,299*	*237,826*	*50,646*	*274,161*	-	-	*164,946*	*511,987*
Lobsters:								
American	25,550	176,800	4,572	38,038	-	-	30,122	214,838
Spiny	1,228	14,303	2,003	19,873	-	-	3,231	34,176
Oysters	18,316	101,574	-	-	-	-	18,316	101,574

See footnotes at end of table.

(Continued)

COMMERCIAL LANDINGS OF FISH AND SHELLFISH BY U.S. FISHING CRAFT: BY SPECIES, BY DISTANCE CAUGHT OFF U.S. SHORES AND IN INTERNATIONAL WATERS, 1993 (1) -- Continued

Species	Distance caught off U.S. Shores				International Waters (Includes catch off foreign coasts)		Total	
	0 to 3 Miles (2)		3 to 200 Miles					
Shellfish - Continued:	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars	Metric tons	Thousand dollars
Scallops:								
Bay.	115	537	(3)	1	-	-	115	538
Calico	5	38	429	1,181	-	-	434	1,219
Sea.	689	7,296	7,619	85,530	-	-	8,308	92,826
Shrimp:								
New England. . . .	1,837	3,681	4,687	9,122	-	-	6,524	12,803
South Atlantic . .	14,970	81,139	2,888	9,992	-	-	17,858	91,131
Gulf	57,913	219,787	41,798	217,657	-	-	99,711	437,444
Pacific Coast. . .	2,589	5,725	12,489	22,659	(3)	3	15,078	28,387
Other.	7	81	17	188	-	-	24	269
Total.	*77,317*	*310,413*	*61,878*	*259,618*	-	-	*139,194*	*570,031*
Squid:								
Atlantic	2,052	2,762	31,627	30,507	-	-	33,679	33,269
Pacific.	70,341	22,642	93	18	-	-	70,435	22,660
Other shellfish. . .	44,789	95,697	468	741	-	-	45,257	96,438
Total shell-fish et al.. . .	*380,338*	*1,071,445*	*194,581*	*748,525*	*(3)*	*3*	*574,919*	*1,819,973*
Grand total, 1995	*2,073,262*	*1,923,208*	*2,413,399*	*1,822,082*	*210,978*	*201,295*	*4,697,639*	*3,946,585*
Grand total, 1994 (5)	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*

(1) Landings are reported in round (live) weight for all items, except univalve and bivalve mollusks, such as clams, oysters and scallops, which are reported in weight of meats (excluding the shell). The National Marine Fisheries Service estimated the distance-from-shore Landings for data collected by the service and states.

(2) Includes landings from the Great Lakes and other inland waters, but excludes Mississippi River Drainage Area States.

(3) Less than 1 metric ton or $500.

(4) Data are confidential and included with unclassified shellfish.

(5) Data not available for 1994.

NOTE:--Data are preliminary. Data include landings by U.S.-flag vessels at Puerto Rico and other ports outside the 50 States, and catches by U.S.-flag vessels transferred to internal water processing vessels (IWPs) in U.S. waters. Therefore, they will not agree with "U.S. Commercial Landings" tables beginning on page 1. Data do not include aquaculture products, except oysters and clams.

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 1995 (1)

Species	Puerto Rico		Guam	
Fish	Pounds	Dollars	Pounds	Dollars
Amberjack..............	-	-	645	1512
Ballyhoo...............	55,500	67,000	-	-
Barracuda..............	13,900	17,800	525	765
Dolphinfish............	223,600	325,600	159,311	187,280
Emperors...............	-	-	1,421	4,032
Goatfish...............	8,600	13,900	-	-
Groupers...............	116,000	197,200	1,830	3,918
Grouper, red hing.......	34,800	62,700	-	-
Grunts.................	138,800	193,300	-	-
Hogfish................	48,800	96,300	-	-
Jacks, unclassified.....	66,700	83,500	1,241	2,468
Mackerel, king and cero.	204,000	337,700	-	-
Margate................	2,000	2,500	-	-
Marlin.................	-	-	68,266	52,175
Mojarra................	33,000	47,800	-	-
Mullet (black or silver)	52,700	62,600	-	-
Nassau grouper..........	5,000	9,400	-	-
Parrotfish.............	77,600	106,300	284	687
Reef fish..............	-	-	3,807	11,045
Sailfish...............	-	-	1,103	1,416
Scup or porgy..........	15,500	21,800	-	-
Shad, bigeye...........	-	-	542	1,594
Sharks, other..........	86,600	99,400	232	128
Snappers:				
Ehu..................	-	-	573	2,275
Lane.................	256,700	509,500	-	-
Lehi.................	-	-	-	-
Mutton...............	96,400	185,600	-	-
Onaga................	-	-	1,084	5,365
Opakapakas...........	-	-	1,744	6,978
Silk.................	403,500	918,000	-	-
Yellowtail...........	296,100	562,600	-	-
Other................	66,300	122,200	4,200	14,436
Total snappers....	*1,119,000*	*2,297,900*	*7,601*	*29,054*
Snook..................	42,100	64,500	-	-
Spanish sardine.........	27,500	23,400	-	-
Squirrelfish...........	11,000	11,000	-	-
Surgeonfishes..........	-	-	149	433
Tarpon.................	2,800	2,800	-	-
Triggerfish............	72,000	95,900	-	-
Trunkfish (boxfish).....	78,900	152,500	-	-
Tuna:				
Skipjack.............	-	-	50,918	51,392
Yellowfin............	-	-	51,318	122,237
Unclassified.........	135,100	179,300	3,013	5,107
Total tuna........	*135,100*	*179,300*	*105,249*	*178,736*

(Continued on next page)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 1995 (1)

Species	Puerto Rico		Guam	
	Pounds	Dollars	Pounds	Dollars
Wahoo..................	-	-	53,439	115,099
Other marine finfishes..	677,400	647,800	2,844	6,266
Freshwater fish, other..	-	-	-	-
Total, fish..........	*3,348,900*	*5,219,900*	*408,489*	*596,608*
Shellfish				
Crabs, other...........	4,900	33,000	-	-
Lobster, spiny..........	288,600	1,220,800	72	230
Conch (snail) meats.....	221,900	499,800	-	-
Oysters................	3,100	3,400	-	-
Octopus................	17,200	48,200	10	31
Other shellfish.........	7,700	25,500	-	-
Total, shellfish, et al............	*543,400*	*1,830,700*	*82*	*261*
Grand total.......	*3,892,300*	*7,050,600*	*408,571*	*596,869*

Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Amberjack..............	96	120	-	-
Barracuda..............	3,506	5,887	191	368
Dolphinfish............	11,018	24,112	23,220	40,533
Emperors...............	4,590	7,721	4,276	10,452
Goatfish...............	25	45	2,229	5,029
Groupers...............	4,411	8,197	3,009	7,986
Jacks, unclassified.....	2,700	4,898	630	1,691
Marlin.................	25,120	24,968	7,034	11,272
Mullet (black or silver)	-	-	6	14
Parrotfish.............	-	-	2,338	6,356
Reef fish..............	-	-	159,201	354,297
Sailfish...............	5,841	7,488	97	187
Shad, bigeye...........	-	-	10,502	27,273
Sharks, other..........	623	1,059	-	-
Snappers:				
Ehu..................	3,390	7,392	-	-
Lehi.................	681	1,148	521	1,793
Onaga................	2,706	5,645	16,588	70,106
Opakapakas...........	730	1,265	892	2,631
Yellowtail...........	81	152	-	-
Other................	6,150	11,376	1,669	5,242
Total snappers....	*13,738*	*26,978*	*19,670*	*79,772*

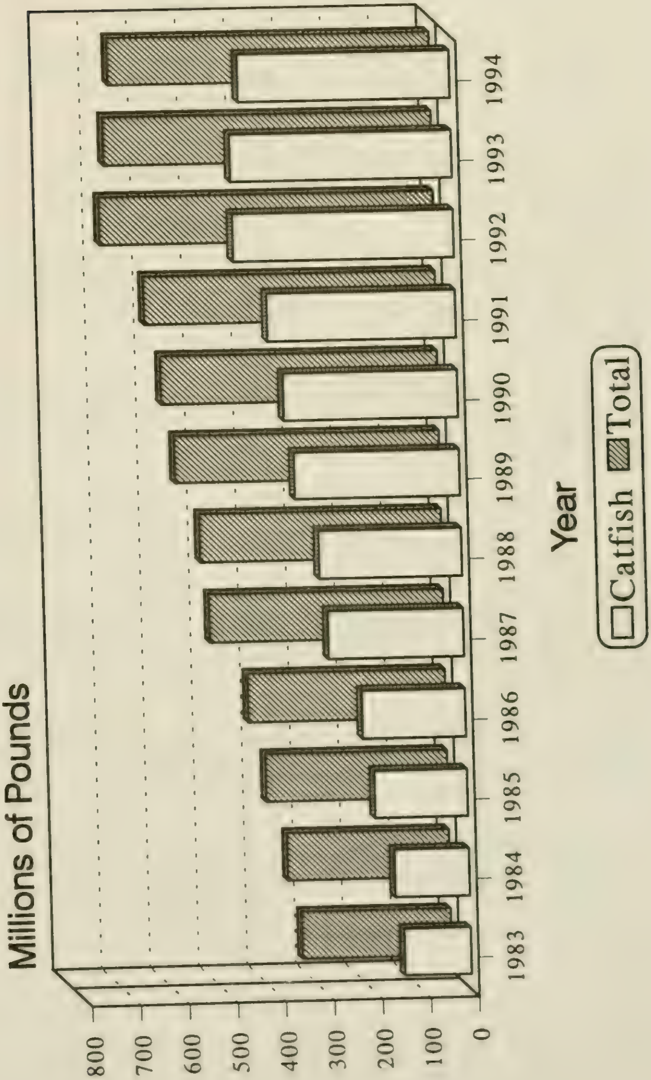
(Continued on next page)

DOMESTIC LANDINGS FOR U.S. TERRITORIAL POSSESSIONS, 1995 (1)

Species	American Samoa		Northern Marianas Islands	
Fish	Pounds	Dollars	Pounds	Dollars
Squirrelfish	917	1,662	2,396	5,151
Surgeonfishes	-	-	1,499	2,966
Triggerfish	10	15	-	-
Tuna:				
Albacore	54,902	95,780	-	-
Bigeye	5,171	5,272	-	-
Skipjack	176,136	135,276	131,778	232,841
Yellowfin	56,985	74,022	20,227	40,369
Unclassified	2,004	3,287	8,091	16,717
Total tuna	*295,198*	*313,637*	*160,096*	*289,927*
Wahoo	12,013	18,908	5,739	11,820
Other marine finfishes	6,905	13,039	13,125	35,648
Freshwater fish, other	21	21	2,956	5,570
Total, fish	*386,732*	*458,755*	*418,214*	*896,312*
Shellfish				
Lobster, spiny	-	-	2,149	10,607
Shrimp	-	-	2,024	12,145
Octopus	-	-	138	302
Other shellfish	-	-	268	924
Total, shellfish, et al	*0*	*0*	*4,579*	*23,978*
Grand total	*386,732*	*458,755*	*422,793*	*920,290*

(1) Data in this table are preliminary and represent the latest information available.

U.S. Aquaculture Production



ESTIMATED U.S. AQUACULTURE PRODUCTION, 1983 - 1994

Species	1983			1984			1985		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:									
Baitfish..........	22,046	10,000	44,000	23,598	10,704	47,045	24,807	11,252	51,280
Catfish...........	137,250	62,256	83,860	154,255	69,970	106,899	191,616	86,916	138,922
Salmon............	1,836	833	2,548	2,675	1,213	3,414	3,921	1,779	5,465
Trout.............	48,400	21,954	50,000	49,940	22,653	54,435	50,600	22,952	55,154
Shellfish:									
Clams.............	1,680	762	6,368	2,088	947	6,670	1,999	907	4,698
Crawfish..........	69,498	31,524	32,664	66,280	30,064	27,936	65,011	29,489	29,350
Mussels...........	738	335	340	782	355	309	1,210	549	642
Oysters...........	19,416	8,807	32,034	25,365	11,505	47,906	21,906	9,936	38,882
Shrimp (FW).......	275	125	1,500	317	144	1,698	267	121	1,541
Shrimp (SW).......	255	116	510	528	239	874	440	200	1,566
Miscellaneous......	7,000	3,175	7,000	9,900	4,491	9,900	14,000	6,350	20,000
Totals.........	*308,394*	*139,887*	*260,824*	*335,728*	*152,285*	*307,086*	*375,777*	*170,451*	*347,500*

Species	1986			1987			1988		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:									
Baitfish..........	25,807	11,706	51,522	26,000	11,794	71,500	26,400	11,975	71,000
Catfish...........	213,756	96,959	142,789	280,496	127,232	173,347	295,109	133,861	225,463
Salmon............	2,878	1,305	4,399	4,024	1,825	7,462	6,777	3,074	20,647
Trout.............	51,000	23,133	55,590	56,247	25,513	57,556	56,032	25,416	57,927
Shellfish:									
Clams.............	2,564	1,163	8,173	2,409	1,093	10,311	2,128	965	11,320
Crawfish..........	69,834	31,676	35,009	70,000	31,752	29,400	65,848	29,868	24,364
Mussels...........	1,175	533	1,032	1,164	528	1,024	1,064	483	1,130
Oysters...........	24,475	11,102	49,666	23,926	10,853	49,549	24,398	11,067	58,900
Shrimp (FW).......	178	81	893	200	91	1,250	286	130	1,922
Shrimp (SW).......	1,354	614	1,687	2,656	1,205	3,408	2,200	998	7,609
Miscellaneous......	15,500	7,031	21,700	17,050	7,734	32,285	20,000	9,072	40,000
Totals.........	*408,521*	*185,304*	*372,460*	*484,172*	*219,619*	*437,092*	*500,242*	*226,908*	*520,282*

ESTIMATED U.S. AQUACULTURE PRODUCTION, 1983 - 1994

Species	1989			1990			1991		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:									
Baitfish..........	24,005	10,889	62,489	21,610	9,802	53,978	21,182	9,608	55,948
Catfish...........	341,900	155,085	245,142	360,435	163,492	273,210	390,870	177,297	246,639
Salmon............	8,504	3,857	23,742	9,069	4,114	26,341	16,753	7,599	44,156
Trout.............	55,528	25,187	60,041	56,816	25,772	64,640	59,422	26,954	59,142
Shellfish:									
Clams.............	2,370	1,075	12,721	3,680	1,669	13,486	3,784	1,716	11,133
Crawfish..........	66,000	29,937	20,460	71,000	32,205	34,000	60,585	27,481	33,285
Mussels...........	618	280	1,136	607	275	1,173	210	95	947
Oysters...........	22,255	10,095	58,082	22,192	10,066	77,949	20,632	9,359	63,463
Shrimp (FW).......	350	159	2,537	406	184	2,407	406	184	2,407
Shrimp (SW).......	1,500	680	7,551	1,984	900	7,937	3,527	1,600	14,110
Miscellaneous......	25,000	11,340	45,600	24,732	11,218	99,991	26,735	12,127	104,998
Totals.........	*548,030*	*248,585*	*539,501*	*572,531*	*259,698*	*655,112*	*604,106*	*274,021*	*636,228*

Species	1992			1993			1994		
	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars	Thousand pounds	Metric tons	Thousand dollars
Finfish:									
Baitfish..........	20,618	9,352	61,183	20,574	9,332	63,033	21,709	9,847	68,714
Catfish...........	457,367	207,460	273,506	459,013	208,207	325,432	439,269	199,251	344,475
Salmon............	23,937	10,858	75,193	25,279	11,466	68,358	24,714	11,210	61,915
Trout.............	56,264	25,521	53,942	54,642	24,785	54,309	52,075	23,621	52,569
Shellfish:									
Clams.............	4,282	1,942	11,539	6,125	2,778	12,096	4,872	2,210	14,023
Crawfish..........	63,032	28,591	34,860	56,784	25,757	28,518	49,080	22,263	26,994
Mussels...........	282	128	1,162	308	140	927	424	193	1,249
Oysters...........	23,986	10,880	82,432	24,399	11,067	76,139	28,016	12,708	69,928
Shrimp (FW).......	324	147	1,728	350	159	2,006	350	159	2,006
Shrimp (SW).......	4,409	2,000	17,637	6,614	3,000	26,455	4,409	2,000	17,637
Miscellaneous......	36,681	16,638	111,005	24,713	11,210	125,121	40,717	18,469	91,599
Totals.........	*691,182*	*313,518*	*724,187*	*678,801*	*307,902*	*782,394*	*665,635*	*301,930*	*751,109*

NOTE:--Table may not add due to rounding. Clams, oysters and mussels are reported as meat weights (excludes shell) while other identified species such as shrimp are reported as whole (live) weights. Some clam and oyster aquaculture production are reported with U.S. commercial landings. Only pen-reared aquaculture production is indicated for salmon. Weights and values usually represent final sales of products to processors and dealers. Shrimp (freshwater) are primarily Macrobrachium rosenbergii and shrimp (saltwater) are primarily Pacific white shrimp (Penaeus vannamei). Miscellaneous includes ornamental fish, alligators, algae, aquatic plants, hybrid striped bass, tilapia, and others.

Source:--Fisheries Statistics Division, F/RE1, NMFS.

SUMMARY OF NEW ENGLAND COD LANDINGS, BY STATE, 1950-95

Year	Maine		New Hampshire		Massachusetts	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	6,613	304	4	(1)	45,867	2,825
1951...	5,293	290	12	1	40,711	2,896
1952...	4,615	256	16	2	36,928	2,652
1953...	3,769	214	-	-	27,465	1,847
1954...	3,689	195	-	-	29,991	1,768
1955...	2,863	146	-	-	28,526	1,669
1956...	2,746	134	-	-	29,127	1,774
1957...	2,352	123	-	-	28,390	1,739
1958...	2,735	150	-	-	33,593	2,470
1959...	2,694	144	-	-	36,576	2,572
1960...	2,897	144	20	1	31,266	2,021
1961...	2,507	124	30	2	38,166	2,361
1962...	2,260	107	50	4	40,647	2,760
1963...	1,960	88	75	5	37,221	2,640
1964...	2,400	107	60	4	34,802	2,383
1965...	2,629	129	85	8	32,193	2,607
1966...	2,802	176	73	6	33,517	2,899
1967...	3,496	188	70	6	38,674	3,186
1968...	5,037	235	109	10	41,157	2,977
1969...	4,617	238	155	16	49,220	4,258
1970...	5,427	357	189	22	43,761	4,912
1971...	4,379	335	201	30	46,554	5,729
1972...	4,432	437	254	40	39,227	6,947
1973...	4,035	498	472	85	42,411	7,847
1974...	4,004	541	603	86	49,976	9,790
1975...	5,595	911	671	144	47,185	11,427
1976...	6,367	1,429	735	204	46,766	12,355
1977...	9,126	1,975	951	234	62,713	14,154
1978...	10,806	2,262	1,991	417	69,251	17,578
1979...	10,365	2,598	2,198	558	82,015	24,175
1980...	11,402	2,640	2,376	546	99,365	27,184
1981...	10,147	3,169	1,771	600	86,598	29,566
1982...	12,252	3,658	1,308	407	98,510	33,211
1983...	12,084	3,736	2,013	681	92,492	31,752
1984...	11,794	3,943	2,518	880	75,543	28,659
1985...	10,353	4,095	1,657	706	65,049	27,891
1986...	10,155	5,526	1,569	874	46,421	27,932
1987...	9,935	6,989	1,570	1,181	44,964	34,044
1988...	8,104	4,034	2,960	1,631	61,239	35,032
1989...	12,417	7,263	3,450	2,169	58,533	35,701
1990...	15,247	9,367	3,775	2,487	72,202	46,296
1991...	21,180	16,286	4,650	3,715	62,455	50,650
1992...	12,995	10,789	3,609	3,170	42,275	35,997
1993...	9,216	7,963	2,962	2,674	36,507	32,512
1994...	8,250	7,709	2,472	2,286	27,035	25,283
1995...	5,259	5,034	2,765	2,470	20,922	19,917

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SUMMARY OF NEW ENGLAND COD LANDINGS, BY STATE, 1950-95 - Continued

Year	Rhode Island		Connecticut		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	1,227	93	256	27	53,967	3,249
1951...	1,161	100	302	31	47,479	3,318
1952...	673	67	170	17	42,402	2,994
1953...	607	48	58	7	31,899	2,116
1954...	1,320	75	239	12	35,239	2,050
1955...	794	50	186	9	32,369	1,874
1956...	733	52	154	9	32,760	1,969
1957...	839	57	330	21	31,911	1,940
1958...	1,247	82	209	16	37,784	2,718
1959...	1,246	103	242	23	40,758	2.842
1960...	823	62	250	16	35,256	2,244
1961...	1,066	69	400	25	42,169	2,581
1962...	699	60	290	25	43,946	2,956
1963...	509	48	136	13	39,901	2,794
1964...	444	35	147	12	37,853	2,541
1965...	437	35	121	10	35,465	2,789
1966...	728	58	170	14	37,290	3,153
1967...	1,323	100	307	26	43,870	3,506
1968...	1,928	138	367	24	48,598	3,384
1969...	2,472	209	428	34	56,892	4,755
1970...	3,031	331	243	27	52,651	5,649
1971...	2,309	296	180	23	53,623	6,413
1972...	2,396	461	35	7	46,344	7,892
1973...	2,976	491	107	18	50,001	8,939
1974...	3,246	655	22	5	57,851	11,077
1975...	1,892	475	36	12	55,379	12,969
1976...	1,353	388	25	8	55,246	14,384
1977...	3,430	722	49	13	76,269	17,098
1978...	4,678	1,142	55	15	86,781	21,414
1979...	4,108	1,279	19	6	98,705	28,616
1980...	4,089	1,145	36	9	117,268	31,524
1981...	3,010	1,065	505	177	102,031	34.577
1982...	3,810	1,337	516	180	116,396	38,793
1983...	4,764	1,591	115	39	111,468	37,799
1984...	5,806	2,053	105	37	95,766	35,572
1985...	4,841	1,905	54	19	81,954	34,616
1986...	2,285	1,218	27	14	60,457	35,564
1987...	2,011	1,350	227	150	58,707	43,714
1988...	3,009	1,578	256	169	75,568	42,444
1989...	3,334	1,902	460	362	78,194	47,397
1990...	3,653	2,259	363	238	95,240	60,647
1991...	3,830	2,890	228	153	92,343	73,694
1992...	2,082	1,661	77	44	61,038	51,661
1993...	1,244	1,108	218	126	50,147	44,383
1994...	588	533	87	59	38,432	35,870
1995...	483	492	20	27	29,449	27,940

(1) Less than $500.

SUMMARY OF MIDDLE ATLANTIC COD LANDINGS, BY STATE, 1950-95

Year	New York		New Jersey		Delaware		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	2,529	286	988	86	1	(1)	3,518	372
1951...	1,941	259	600	58	-	-	2,541	317
1952...	975	111	307	52	-	-	1,282	163
1953...	728	86	32	4	-	-	760	90
1954...	1,292	116	285	17	(1)	(1)	1,577	133
1955...	2,257	205	933	76	-	-	3,190	281
1956...	1,326	159	1,040	97	-	-	2,366	256
1957...	1,722	190	432	47	-	-	2,154	237
1958...	2,200	217	1,261	98	7	(1)	3,468	315
1959...	1,953	182	3,283	270	280	4	5,516	456
1960...	998	110	3,554	299	1,351	19	5,903	428
1961...	1,166	104	2,405	233	2,560	32	6,131	369
1962...	1,028	113	1,484	175	3,474	39	5,986	327
1963...	882	138	1,106	143	10,931	88	12,919	369
1964...	517	72	283	45	6,396	53	7,196	170
1965...	366	53	165	28	6,818	48	7,349	129
1966...	247	36	16	3	2,877	15	3,140	54
1967...	457	63	52	7	-	-	509	70
1968...	364	46	172	25	33	3	569	74
1969...	449	62	124	18	2	(1)	575	80
1970...	378	56	189	36	1	(1)	568	92
1971...	427	71	138	31	10	2	575	104
1972...	235	36	43	12	-	-	278	48
1973...	332	80	85	26	-	-	417	106
1974...	462	145	337	82	-	-	799	227
1975...	431	141	309	100	-	-	740	241
1976...	686	200	91	38	-	-	777	238
1977...	583	224	47	19	-	-	630	243
1978...	461	196	31	11	-	-	492	207
1979...	481	244	64	30	-	-	545	274
1980...	488	257	15	8	-	-	503	265
1981...	428	268	26	10	-	-	454	278
1982...	434	299	63	20	-	-	497	319
1983...	682	376	39	16	-	-	721	392
1984...	899	561	13	3	-	-	912	564
1985...	546	390	22	6	-	-	568	396
1986...	459	453	14	11	-	-	473	464
1987...	428	463	4	3	-	-	432	466
1988...	704	595	15	9	-	-	719	604
1989...	778	637	79	51	-	-	857	688
1990...	831	764	15	13	-	-	846	777
1991...	635	592	11	11	-	-	646	603
1992...	502	517	12	12	-	-	514	529
1993...	423	527	34	40	-	-	457	567
1994...	248	310	3	4	-	-	251	314
1995...	158	237	2	2	-	-	160	239

(1) Less than 500 LB or $500.

SUMMARY OF CHESAPEAKE COD LANDINGS, BY STATE, 1950-95

Year	Maryland		Virginia		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	3	(1)	3	(1)	6	(1)
1951...	1	(1)	2	(1)	3	(1)
1952...	(1)	(1)	2	(1)	2	(1)
1953...	6	(1)	1	(1)	7	(1)
1954...	23	1	2	(1)	25	1
1955...	1	(1)	-	-	1	(1)
1956...	3	(1)	1	(1)	4	(1)
1957...	52	2	-	-	52	2
1958...	383	13	65	6	448	19
1959...	546	41	100	5	646	46
1960...	789	71	9	1	798	72
1961...	375	42	30	3	405	45
1962...	150	14	39	4	189	18
1963...	13	2	51	5	64	7
1964...	1	(1)	28	3	29	3
1965...	3	(1)	3	(1)	6	(1)
1966...	21	2	5	1	26	3
1967...	47	4	(1)	(1)	47	4
1968...	13	1	3	(1)	16	1
1969...	6	1	23	2	29	3
1970...	4	1	1	(1)	5	1
1971...	6	1	1	(1)	7	1
1972...	2	(1)	(1)	(1)	2	(1)
1973...	6	1	(1)	(1)	6	1
1974...	15	5	(1)	(1)	15	5
1975...	9	3	(1)	(1)	9	3
1976...	(1)	(1)	-	-	(1)	(1)
1977...	(1)	(1)	1	(1)	1	(1)
1978...	5	1	(1)	(1)	5	1
1979...	(1)	(1)	(1)	(1)	(1)	(1)
1980...	(1)	(1)	3	1	3	1
1981...	(1)	(1)	1	(1)	1	(1)
1982...	-	-	14	4	14	4
1984...	-	-	(1)	(1)	(1)	(1)
1985...	-	-	(1)	(1)	(1)	(1)
1986...	-	-	(1)	(1)	(1)	(1)
1987...	(1)	(1)	(1)	(1)	(1)	(1)
1988...	-	-	-	-	(1)	(1)
1989...	-	-	1	(1)	1	(1)
1990...	-	-	1	(1)	1	(1)
1991...	(1)	(1)	-	-	(1)	(1)
1992...	-	-	(1)	(1)	(1)	(1)
1993...	(1)	(1)	3	3	3	3
1994...	(1)	(1)	(1)	(1)	(1)	(1)
1995...	-	-	21	5	21	5

(1) Less than 500 LB or $500.

SUMMARY OF PACIFIC COD LANDINGS, BY STATE, 1950-95

Year	Alaska		Washington		Oregon	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	-	-	7,045	271	43	2
1951...	-	-	9,432	509	135	7
1952...	-	-	10,708	565	136	7
1953...	-	-	8,465	364	176	7
1954...	-	-	15,870	620	782	31
1955...	-	-	12,611	481	360	14
1956...	-	-	9,636	379	183	7
1957...	-	-	11,374	559	551	22
1958...	-	-	12,299	541	474	19
1959...	8	(1)	12,961	648	359	16
1960...	-	-	5,136	252	236	11
1961...	-	-	2,963	145	104	5
1962...	-	-	3,166	158	19	1
1963...	-	-	6,302	347	67	3
1964...	-	-	6,213	342	201	10
1965...	-	-	9,960	516	193	9
1966...	-	-	9,347	486	636	32
1967...	-	-	8,702	460	453	22
1968...	-	-	5,539	321	383	20
1969...	49	6	3,801	227	50	3
1970...	203	20	2,705	175	76	5
1971...	-	-	5,609	382	483	33
1972...	98	17	9,339	683	1,085	95
1973...	159	37	7,747	703	514	45
1974...	423	84	8,890	1,016	701	159
1975...	327	33	11,298	1,288	612	67
1976...	494	117	11,816	1,519	631	85
1977...	625	120	9,212	1,431	869	154
1978...	1,808	555	8,530	1,650	932	187
1979...	3,468	964	7,578	1,591	932	187
1980...	12,805	2,605	12,755	2,394	357	71
1981...	33,504	5,323	22,051	4,197	118	25
1982...	59,632	9,584	24,766	5,497	260	62
1983...	101,028	14,293	23,385	5,364	197	49
1984...	81,439	10,997	35,086	8,573	176	45
1985...	76,350	6,635	15,981	3,857	85	22
1986...	82,109	6,623	10,844	2,990	68	18
1987...	134,416	25,022	5,866	1,956	1,469	482
1988...	240,586	40,434	6,280	1,691	2,281	626
1989...	326,596	57,471	3,736	997	1,721	448
1990...	475,967	83,337	2,128	604	510	131
1991...	549,387	120,861	3,195	948	1,134	341
1992...	545,906	131,018	3,699	1,154	921	307
1993...	479,261	115,022	2,454	795	1,084	355
1994...	458,199	95,136	1,712	571	376	128
1995...	589,695	109,034	1,527	577	177	69

(Continued on next page)

U.S. COMMERCIAL LANDINGS

SUMMARY OF PACIFIC COD LANDINGS, BY STATE, 1950-95 - Continued

Year	California		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...........	-	-	7,088	273
1951...........	-	-	9,567	516
1952...........	-	-	10,844	572
1953...........	-	-	8,641	371
1954...........	-	-	16,652	651
1955...........	-	-	12,971	495
1956...........	-	-	9,819	386
1957...........	-	-	11,925	581
1958...........	-	-	12,773	560
1959...........	-	-	13,328	664
1960...........	-	-	5,372	263
1961...........	-	-	3,067	150
1962...........	-	-	3,185	159
1963...........	-	-	6,369	350
1964...........	-	-	6,414	352
1965...........	-	-	10,153	525
1966...........	-	-	9,983	518
1967...........	-	-	9,155	482
1968...........	-	-	5,922	341
1969...........	-	-	3,900	236
1970...........	-	-	2,984	200
1971...........	-	-	6,092	415
1972...........	-	-	10,522	795
1973...........	-	-	8,420	785
1974...........	-	-	10,014	1,259
1975...........	-	-	12,237	1,388
1976...........	-	-	12,941	1.721
1977...........	(1)	(1)	10,706	1,705
1978...........	-	-	11,270	2,392
1979...........	-	-	11,978	2,742
1980...........	(1)	(1)	25,917	5,070
1981...........	-	-	55,673	9,545
1982...........	(1)	(1)	84,658	15,143
1983...........	-	-	124,610	19,706
1984...........	4	1	116,705	19,616
1985...........	2	1	92,418	10,515
1986...........	-	-	93,021	9,631
1987...........	145	48	141,896	27,508
1988...........	11	3	249,158	42,754
1989...........	(1)	(1)	332,053	58,916
1990...........	(1)	(1)	478,605	84,072
1991...........	-	-	553,716	122,150
1992...........	2	1	550,528	132,480
1993...........	-	-	482,799	116,172
1994...........	(1)	1	460,287	95,836
1995...........	-	-	591,399	109,680

(1) Less than 500 LB or $500.

SUMMARY OF COD LANDINGS, BY REGION, 1950-95

Year	New England		Middle Atlantic		Chesapeake	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	53,967	3,249	3,518	372	6	(2)
1951...	47,479	3,318	2,541	317	3	(2)
1952...	42,402	2,994	1,282	163	2	(2)
1953...	31,899	2,116	760	90	7	(2)
1954...	35,239	2,050	1,577	133	25	(2)
1955...	32,369	1,874	3,190	281	1	(2)
1956...	32,760	1,969	2,366	256	4	(2)
1957...	31,911	1,940	2,154	237	52	2
1958...	37,784	2,718	3,468	315	448	19
1959...	40,758	2,842	5,516	456	646	46
1960...	35,256	2,244	5,903	428	798	72
1961...	42,169	2,581	6,131	369	405	45
1962...	43,946	2,956	5,986	327	189	18
1963...	39,901	2,794	12,919	369	64	7
1964...	37,853	2,541	7,196	170	29	3
1965...	35,465	2,789	7,349	129	6	(2)
1966...	37,290	3,153	3,140	54	26	3
1967...	43,870	3,506	509	70	47	4
1968...	48,598	3,384	569	74	16	1
1969...	56,892	4,755	575	80	29	3
1970...	52,651	5,649	568	92	5	1
1971...	53,623	6,413	575	104	7	1
1972...	46,344	7,892	278	48	2	
1973...	50,001	8,939	417	106	6	1
1974...	57,851	11,077	799	227	15	5
1975...	55,379	12,969	740	241	9	3
1976...	55,246	14,384	777	238	(2)	(2)
1977...	76,269	17,098	630	243	1	1
1978...	86,781	21,414	492	207	5	1
1979...	98,705	28,616	545	274	(2)	(2)
1980...	117,268	31,524	503	265	3	1
1981...	102,031	34,577	454	278	1	
1982...	116,396	38,793	497	319	14	4
1983...	111,468	37,799	721	392	-	-
1984...	95,766	35,572	912	564	(2)	(2)
1985...	81,954	34,616	568	396	(2)	(2)
1986...	60,457	35,564	473	464	(2)	(2)
1987...	58,707	43,714	432	466	(2)	(2)
1988...	75,568	42,444	719	604	(2)	(2)
1989...	78,194	47,397	857	688	1	(2)
1990...	95,240	60,647	846	777	1	(2)
1991...	92,343	73,694	646	603	(2)	(2)
1992...	61,038	51,661	514	529	(2)	(2)
1993...	50,147	44,383	457	567	3	(2)
1994...	38,432	35,870	251	314	(2)	(2)
1995...	29,449	27,940	160	239	21	5

(Continued on next page)

SUMMARY OF COD LANDINGS, BY REGION, 1950-95 - Continued

	South Atlantic (1)		Total, Atlantic Coast		Pacific		Grand Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1950...	1	(2)	57,492	3,621	7,088	273	64,580	3,894
1951...	-	-	50,023	3,635	9,567	516	59,590	4,151
1952...	-	-	43,686	3,157	10,844	572	54,530	3,729
1953...	-	-	32,666	2,206	8,641	371	41,307	2,577
1954...	-	-	36,841	2,183	16,652	651	53,493	2,834
1955...	-	-	35,560	2,155	12,971	495	48,531	2,650
1956...	-	-	35,130	2,225	9,819	386	44,949	2,611
1957...	-	-	34,117	2,179	11,925	581	46,042	2,760
1958...	-	-	41,700	3,052	12,773	560	54,473	3,612
1959...	-	-	46,920	3,344	13,328	664	60,248	4,008
1960...	-	-	41,957	2,744	5,372	263	47,329	3,007
1961...	-	-	48,705	2,995	3,067	150	51,772	3,145
1962...	-	-	50,121	3,301	3,185	159	53,306	3,460
1963...	-	-	52,884	3,170	6,369	350	59,253	3,520
1964...	-	-	45,078	2,714	6,414	352	51,492	3,066
1965...	-	-	42,820	2,918	10,153	525	52,973	3,443
1966...	-	-	40,456	3,210	9,983	518	50,439	3,728
1967...	-	-	44,426	3,580	9,155	482	53,581	4,062
1968...	-	-	49,183	3,459	5,922	341	55,105	3,800
1969...	-	-	57,496	4,838	3,900	236	61,396	5,074
1970...	-	-	53,224	5,742	2,984	200	56,208	5,942
1971...	-	-	54,205	6,518	6,092	415	60,297	6,933
1972...	-	-	46,624	7,940	10,522	795	57,146	8,735
1973...	-	-	50,424	9,046	8,420	785	58,844	9,831
1974...	-	-	58,665	11,309	10,014	1,259	68,679	12,568
1975...	-	-	56,128	13,213	12,237	1,388	68,365	14,601
1976...	-	-	56,023	14,622	12,941	1,721	68,964	16,343
1977...	-	-	76,900	17,342	10,706	1,705	87,606	19,047
1978...	-	-	87,278	21,622	11,270	2,392	98,548	24,014
1979...	(2)	(2)	99,250	28,890	11,978	2,742	111,228	31,632
1980...	1	(2)	117,775	31,790	25,917	5,070	143,692	36,860
1981...	1	(2)	102,487	34,855	55,673	9,545	158,160	44,400
1982...	2	(2)	116,909	39,116	84,658	15,143	201,567	54,259
1983...	2	(2)	112,191	38,191	124,610	19,706	236,801	57,897
1984...	6	(2)	96,684	36,136	116,705	19,616	213,389	55,752
1985...	(2)	(2)	82,522	35,012	92,418	10,515	174,940	45,527
1986...	(2)	(2)	60,930	36,028	93,021	9,631	153,951	45,659
1987...	1	(2)	59,140	44,180	141,896	27,508	201,036	71,688
1988...	2	(2)	76,289	43,048	249,158	42,754	325,447	85,802
1989...	2	(2)	79,054	48,085	332,053	58,916	411,107	107,001
1990...	-	-	96,087	61,424	478,605	84,072	574,692	145,496
1991...	-	-	92,989	74,297	553,716	122,150	646,705	196,447
1992...	(2)	(2)	61,552	52,190	550,528	132,480	612,080	184,670
1993...	1	(2)	50,608	44,950	482,799	116,172	533,407	161,122
1994...	(2)	(2)	38,683	36,184	460,287	95,836	498,970	132,020
1995...	1	(2)	29,631	28,184	591,399	109,680	621,030	137,864

(1) Includes small amounts landed in North and South Carolina. (2) Less than 500 LB or $500.

DATA COLLECTION. While data on commercial fisheries have been collected for many years, detailed statistical information on marine recreational fishing is also required to support a variety of fishery management and development purposes. These include the objectives of the Magnuson Fishery Conservation and Management Act, Public Law 94-265, as amended. However, prior to 1979, the lack of a continuous and systematic collection of marine recreational fishery data prevented the accomplishment of these goals. Therefore, NMFS began a new comprehensive Marine Recreational Fishery Statistical Survey (MRFSS) in 1979. Data collected through the MRFSS show that recreational fisheries can have a tremendous impact on fish stocks. For several important management species recreational landings surpass commercial landings. Surveys have been conducted in the following areas and years:

Atlantic and Gulf, 1979 through 1995;
Pacific, mid-1979 through 1989, 1993 - 1995;
Western Pacific, 1979 through 1981;
Caribbean, 1979, 1981.

Preliminary estimates of catch and trips from the MRFSS for the Atlantic/Gulf and Pacific coasts for 1995 are presented in the following tables. Summary graphs for 1986-1995 (Atlantic/Gulf) and 1983-1995 (Pacific) catch and trips are also shown. The survey is being conducted in 1996 along the coast of the entire continental United States except the state of Texas.

The MRFSS data collection consists of an intercept survey of anglers in the field and an independent telephone survey of coastal county households. These independent components, along with census information, are combined to produce estimates of recreational catch, fishing effort, and participation. Estimates are generated by subregion, state, species, mode and area of fishing. In addition, information on catch rates and measurements of fish lengths and weights are obtained.

The MRFSS is only one of several NMFS programs which collect data on recreational fisheries. Specialized surveys which target important management species are also conducted.

DATA TABLES. The total number of fish caught is presented for twenty commonly caught species groups on the Atlantic, Gulf, and Pacific coasts. Total number caught includes those fish which were brought ashore in whole form and were available for identification, weighing, and measuring as well as those fish which were not available for identification. This latter category includes those fish which were used for bait, discarded, filleted or released alive. Each species group may contain one or more species, genus, family.

Total catch is distributed by subregion, fishing area and mode. The fishing areas are; ocean 3 miles or less from land, ocean more than 3 miles from land, and inland (sounds, rivers, bays). However, ocean data for the Gulf coast of Florida are reported as 10 miles or less from land and more than 10 miles from land.

The fishing modes are; shore (man-made structures and beach/bank), party/charter boat, and private/rental boat. In 1995 partyboats were not sampled by the MRFSS in the South Atlantic and Gulf subregions; therefore estimated catches are given for charterboats only for these subregions.

Trip estimates and participation estimates are presented for coastal residents (generally residing within 25 miles of the coast), non-coastal residents, and non-residents fishing outside of their home state. Estimated number of trips are also shown by fishing mode.

The 1995 survey did not include the states of Texas or Washington. Sampling was not conducted during January/February in the Atlantic coast states north of Florida, or in November/December in states north of Massachusetts. More detailed information will be available in a separate MRFSS report to be published later.

PRELIMINARY 1995 MRFSS DATA. The U.S. marine recreational finfish catch in 1995 (excluding Alaska, Hawaii, Washington, Texas, and Pacific coast salmon) was an estimated 339.1 million fish. Fifty-three percent of these fish were released alive. The total marine recreational finfish harvest (excluding fish released alive) was an estimated 157.7 million fish weighing an estimated 228.7 million pounds. These fish were taken on an estimated 65.6 million fishing trips. Seventy-five percent of these trips were taken by residents of the state the fishing trip was made from.

The Atlantic and Gulf coasts accounted for over 92 percent of the total U.S. marine recreational finfish catch by number and for 88 percent of the fishing trips.

The private/rental boat mode accounted for 62 percent of the total U.S. marine recreational finfish catch by number while shore and party/charter modes made up 26 and 12 percent, respectively.

ATLANTIC AND GULF. Commonly caught species in 1995 were herrings (primarily used for bait), spotted seatrout, Atlantic croaker, black sea bass, pinfish, summer flounder, and saltwater catfish. Top-ranked non-bait species by subregion were striped bass in the North Atlantic, summer flounder in the Mid-Atlantic, spot in the South Atlantic, and spotted seatrout in the Gulf of Mexico. By subregion the Gulf of Mexico accounted for the highest numbers of fish caught (44%) followed by the Mid-Atlantic (28%).

Thirty-two percent of the Atlantic and Gulf coast recreational fishing trips were made in South Atlantic, thirty percent in Gulf of Mexico, twenty-seven percent in Mid-Atlantic, and eleven percent in North Atlantic. Fifty-six percent of all Atlantic and Gulf trips were made from boat modes while 44 percent were shore based trips.

The most commonly caught non-bait species in 1995 by mode were spot from shore mode, spotted seatrout from charterboat mode (South Atlantic and Gulf only), black sea bass from party/charterboat mode (North and Mid-Atlantic subregions only), and spotted seatrout from private/rental boat mode. Private/rental boat trips accounted for 60 percent of all fish caught recreationally on the Atlantic and Gulf coasts.

Fifteen percent of the total marine recreational catch on the Atlantic and Gulf coasts came from the EEZ. The most commonly caught species in federally managed waters were black sea bass, Atlantic cod, red snapper, scup, and bluefish.

PACIFIC. Commonly caught species in 1995 were Pacific mackerel, kelp bass, barred sand bass, white croaker, and surf smelt. Top-ranked species by subregion werePacific mackerel in Southern California, surf smelt in Northern California, and black rockfish in Oregon. By subregion Southern California accounted for the highest numbers of fish caught (69%) followed by Northern California (25%) and Oregon (6%).

Fifty-seven percent of the Pacific coast recreational fishing trips (excluding Washington and salmon trips) weremade in Southern California. Sixty-one percent of all Pacific coast trips were taken from boat modes while 39 percent were from the shore.

Top ranked species in 1995 by mode were surf smelt from shore mode, Pacific mackerel from party/charter and private/rental mode. Private/rental boat trips accounted for 47 percent of all fish caught recreationally on the Pacific coast.

Eigtheen percent of the total marine recreational catch on the Pacific coast came from the EEZ. The most commonly caught Pacific coast species in federally managed waters for 1995 were Pacific mackerel, barred sand bass and kelp bass. Sixty-five percent of the Pacific coast marine recreational catch came from the ocean within three miles from shore (state waters).

ESTIMATED NUMBER OF PARTICIPANTS IN MARINE RECREATIONAL FISHING, BY SUBREGION AND AREA OF RESIDENCE: ATLANTIC, GULF AND PACIFIC COAST, JANUARY 1995 - DECEMBER 1995

Subregion	Coastal resident participants	Non-coastal resident participants	Out of State participants
	----Thousands----		
North Atlantic...............	797	85	665
Mid-Atlantic.................	1,762	100	1,086
South Atlantic...............	1,911	376	1,808
Gulf of Mexico...............	1,869	140	1,322
Total.....................	*6,339*	*701*	*4,881*
Southern California..........	902	9	161
Northern California..........	534	101	58
Oregon.......................	209	13	81
Total.....................	*1,645*	*123*	*300*
Grand Total...............	*7,984*	*824*	*5,181*

Note:--Estimates for the Gulf of Mexico exclude Texas. Pacific coast estimates exclude Washington. "Out of State" subregion and region totals may be over-estimates as one angler can be counted as "Out of State" for more than one state.

ESTIMATED TOTAL NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND SUBREGION: ATLANTIC AND GULF COAST, JANUARY 1995 - DECEMBER 1995

Species group	North Atlantic	Mid-Atlantic	South Atlantic	Gulf of Mexico	Total
	---Thousands---				
Herrings..............	207	1,039	4,938	23,188	29,372
Saltwater catfishes...	*	*	3,953	9,906	13,859
Black sea bass........	122	13,772	1,660	2,170	17,723
Bluefish..............	1,959	5,113	3,341	464	10,877
Red snapper...........	*	*	69	1,539	1,609
Scup..................	2,572	1,111	-	*	3,688
Pinfish...............	*	59	4,447	12,349	16,855
Sheepshead............	-	-	1,538	3,552	5 118
Spotted seatrout......	*	579	3,425	20,610	24,615
Weakfish..............	-	5,359	378	*	5,739
Sand seatrout.........	*	*	*	4,355	4,355
Spot..................	*	5,343	6,039	185	11,567
Kingfishes............	-	295	3,016	1,024	4,345
Atlantic croaker......	*	12,246	2,970	2,537	17,753
Red drum..............	*	36	2,105	7,096	9,236
Mullets...............	*	242	2,093	1,414	3,749
King mackerel.........	*	-	628	622	1,252
Summer flounder.......	833	15,244	162	*	16,239
Winter flounder.......	474	1,851	*	*	2,325
Atlantic cod..........	1,753	195	*	*	1,948
Striped bass..........	5,215	5,474	63	-	10,777
Other fishes..........	8,884	20,550	24,410	44,744	98,588
Total............	*22,045*	*88,522*	*65,240*	*135,782*	*311,589*

Note:-- A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Figures for the Gulf of Mexico do not include the recreational catch for Texas. Figures for the South Atlantic and Gulf of Mexico do not include catches for partyboats. Row and column totals may not add due to rounding.

ESTIMATED TOTAL NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND SUBREGION: PACIFIC COAST, JANUARY 1995 - DECEMBER 1995

Species Group	Southern California	Northern California	Oregon	Total
	---Thousands---			
Pacific herring......................	*	-	41	44
Surf smelt...........................	*	1,280	95	1,375
Smelt, other.........................	*	*	-	-
Walleye pollock......................	*	*	*	*
Jacksmelt............................	359	397	*	756
Kelp bass............................	1,608	-	*	1,610
Barred sand bass.....................	1,525	-	*	1,525
White croaker........................	1,022	404	*	1,426
Queenfish............................	116	*	*	116
Walleye surfperch....................	101	68	-	169
Redtail surfperch....................	*	67	-	88
Barred surfperch.....................	344	322	*	666
Pacific bonito.......................	100	*	*	100
Pacific mackerel.....................	5,186	-	-	5,201
Black rockfish.......................	*	223	388	611
Blue rockfish........................	-	282	114	412
Boccacio.............................	-	-	-	-
Olive rockfish.......................	-	38	*	61
Rockfishes, other....................	983	1,089	287	2,359
Other fishes.........................	7,603	2,773	621	10,997
Total.........................	*19,008*	*6,964*	*1,576*	*27,548*

Note:-- A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Row and column totals may not add due to rounding. Figures do not include salmon catches estimated by state recreational surveys. Recreational catches for Washington also not included here.

ESTIMATED NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND PRIMARY AREA OF FISHING TRIP: ATLANTIC AND GULF COASTS, JANUARY 1995 - DECEMBER 1995

Species group	Ocean				Inland	Total
	3 Miles or less	Over 3 miles	10 Miles or less	Over 10 Miles		
	Thousands					
Herrings................	4,038	679	6,972	2,818	14,865	29,372
Saltwater catfishes......	2,568	243	2,320	153	8,576	13,859
Black sea bass..........	1,629	8,508	1,033	902	5,652	17,723
Bluefish................	4,662	873	201	-	5,136	10,877
Red snapper.............	67	1,302	160	63	-	1,609
Scup....................	1,201	913	*	*	1,573	3,688
Pinfish.................	2,093	341	4,809	881	8,731	16,855
Sheepshead..............	607	141	366	-	3,984	5,118
Spotted seatrout........	3,399	189	5,335	125	15,566	24,615
Weakfish................	898	288	*	*	4,553	5,739
Sand seatrout...........	862	256	636	-	2,582	4,355
Spot....................	6,716	99	43	-	4,695	11,567
Kingfishes..............	2,670	34	374	-	1,265	4,345
Atlantic croaker........	2,752	773	102	-	14,126	17,753
Red drum................	1,441	127	856	-	6,803	9,236
Mullets.................	675	180	186	*	2,708	3,749
King mackerel...........	187	524	287	203	52	1,252
Summer flounder.........	3,172	665	*	*	12,401	16,239
Winter flounder.........	152	66	*	*	2,106	2,325
Atlantic cod............	154	1,730	*	*	63	1,948
Striped bass............	2,861	758	*	*	7,157	10,777
Other fishes............	16,349	12,471	17,641	11,248	40,879	98,588
Total...............	*59,153*	*31,161*	*41,320*	*16,461*	*163,493*	*311,589*

Note:--"Ocean 10 mi or less" and "ocean over 10 mi" refer only to the Florida Gulf coast where state jurisdiction extends to three marine leagues, approximately ten nautical miles. The total estimate is additive across four areas. A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Row and column totals may not add due to rounding. Figures do not include any recreational catches for Texas or partyboat catches for the South Atlantic and Gulf of Mexico.

ESTIMATED NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND PRIMARY AREA OF FISHING TRIP: PACIFIC COAST, JANUARY 1995 - DECEMBER 1995

Species group	Ocean		Inland	All areas
	3 Miles or less	Over 3 miles		
	Thousands			
Pacific herring..............................	-	*	41	44
Surf smelt...................................	1,280	-	95	1,375
Smelts, other................................	-	*	-	-
Walleye pollock..............................	*	*	*	*
Jacksmelt....................................	375	-	377	756
Kelp bass....................................	1,321	185	104	1,610
Barred sand bass.............................	851	380	294	1,525
White croaker................................	656	420	350	1,426
Queenfish....................................	96	*	-	114
Walleye surfperch............................	153	*	-	169
Redtail surfperch............................	76	*	-	88
Barred surfperch.............................	654	-	-	666
Pacific bonito...............................	56	-	36	100
Pacific mackerel.............................	3,035	1,685	481	5,201
Black rockfish...............................	545	32	34	611
Blue rockfish................................	381	-	-	412
Boccacio.....................................	-	-	-	-
Olive rockfish...............................	53	-	*	61
Rockfishes, other............................	1,525	787	47	2,359
Other fishes.................................	6,751	1,408	2,837	10,997
Total...............................	*17,822*	*4,956*	*4,769*	*27,548*

Note:--A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Row and column totals may not add due to rounding. Recreational catches for Washington and all salmon catches not included here.

ESTIMATED TOTAL NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND FISHING MODE: ATLANTIC AND GULF COASTS, JANUARY 1995 - DECEMBER 1995

Species Group	Shore	Charter Boats	Party/ Charter Boats	Private/ Rental Boats	Total
	-----------------	-----------------	Thousands	-----------------	-----------------
Herrings................	8,809	125	127	20,311	29,372
Saltwater catfishes.....	3,774	252	*	9,834	13,859
Black sea bass..........	1,714	468	6,799	8,743	17,723
Bluefish................	4,188	140	1,308	5,241	10,877
Red snapper.............	-	864	*	738	1,609
Scup....................	377	-	1,094	2,217	3,688
Pinfish.................	6,766	171	*	9,917	16,855
Sheepshead..............	1,006	158	-	3,955	5,118
Spotted seatrout........	1,641	1,224	32	21,718	24,615
Weakfish................	317	-	789	4,617	5,739
Sand seatrout...........	1,042	93	*	3,220	4,355
Spot....................	7,540	-	613	3,412	11,567
Kingfishes..............	2,787	-	-	1,534	4,345
Atlantic croaker........	3,958	-	1,145	12,633	17,753
Red drum................	914	577	*	7,746	9,236
Mullets.................	1,436	-	*	2,312	3,749
King mackerel...........	-	649	-	577	1,252
Summer flounder.........	2,008	-	1,342	12,888	16,239
Winter flounder.........	211	*	282	1,832	2,325
Atlantic cod............	-	*	1,358	589	1,948
Striped bass............	2,216	-	747	7,812	10,777
Other fishes............	30,238	7,916	4,312	56,121	98,588
Total..............	*80,973*	*12,695*	*19,956*	*197,965*	*311,589*

Note:-- A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Figures for Charter Boats include only catches in the South Atlantic and Gulf of Mexico excluding Texas. Figures for partyboats are only for the North Atlantic and Mid-Atlantic subregions. Row and colmun totals may not add due to rounding.

ESTIMATED TOTAL NUMBER OF FISH CAUGHT BY MARINE RECREATIONAL ANGLERS BY SPECIES GROUP AND FISHING MODE: PACIFIC COAST, JANUARY 1995 - DECEMBER 1995

Species Group	Shore	Party/ Charter Boats	Private/ rental boats	Total
	-----------------	-------Thousands	-----------------	-----------------
Pacific herring.........................	-	-	33	44
Surf smelt..............................	1,375	*	-	1,375
Smelt, other............................	-	*	*	-
Walleye pollock.........................	*	*	*	*
Jacksmelt...............................	634	-	120	756
Kelp bass...............................	134	816	659	1,610
Barred sand bass........................	122	645	758	1,525
White croaker...........................	546	79	800	1,426
Queenfish...............................	90	*	-	116
Walleye surfperch.......................	162	*	-	169
Redtail surfperch.......................	88	*	*	88
Barred surfperch........................	662	*	-	666
Pacific bonito..........................	-	-	69	100
Pacific mackerel........................	765	1,799	2,637	5,201
Black rockfish..........................	42	212	356	611
Blue rockfish...........................	-	84	304	412
Boccacio................................	-	-	-	-
Olive rockfish..........................	*	-	56	61
Rockfishes, other.......................	89	417	1,852	2,359
Other fishes............................	3,139	2,696	5,162	10,997
Total...........................	*7,903*	*6,792*	*12,852*	*27,548*

Note:-- A dash (-) denotes an estimate of less than thirty thousand which is included in row and column totals. An asterisk (*) denotes none reported. Row and column totals may not add due to rounding. Figures do not include salmon catches estimated by state recreational surveys. Recreational catches for Washington also not included here.

ESTIMATED TOTAL NUMBER OF FISHING TRIPS BY MARINE RECREATIONAL ANGLERS BY SUBREGION AND AREA OF RESIDENCE: ATLANTIC, GULF AND PACIFIC COASTS, JANUARY 1995 - DECEMBER 1995

Subregion	Trips by coastal residents	Trips by non-coastal residents	Non-resident trips	All trips
	------------Thousands------------			
North Atlantic................	4,485	363	1,689	6,537
Mid-Atlantic..................	11,676	335	3,565	15,576
South Atlantic................	13,340	1,217	4,197	18,754
Gulf of Mexico................	13,155	354	3,606	17,115
Total....................	*42,656*	*2,269*	*13,057*	*57,982*
Southern California...........	4,079	18	222	4,319
Northern California...........	2,207	245	135	2,587
Oregon........................	547	20	133	700
Total....................	*6,833*	*283*	*490*	*7,606*
Grand Total..............	*49,489*	*2,552*	*13,547*	*65,588*

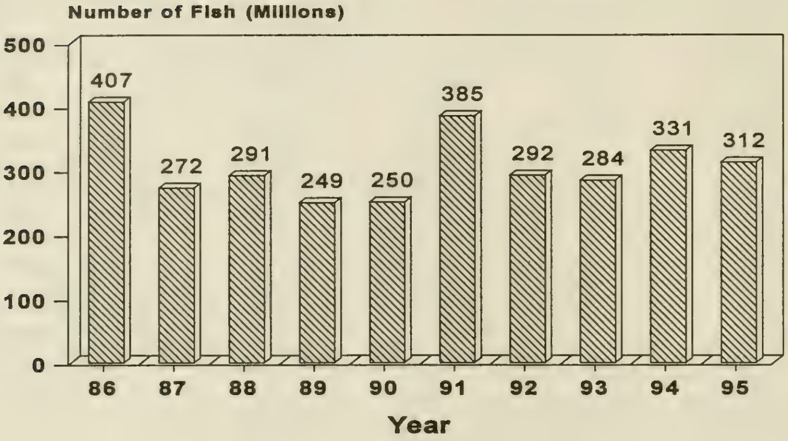
Note:--Estimates for the Gulf of Mexico exclude Texas. Estimates for the South Atlantic and Gulf of Mexico subregions exclude partyboat trips. Estimates also exclude January/February trips in the North Atlantic subregion and the South Atlantic states north of Florida, as well as November/December trips in the North Atlantic states north of Massachusetts. Pacific coasts estimates due not include salmon fishing trips or Washington trips.

ESTIMATED TOTAL NUMBER OF FISHING TRIPS BY MARINE RECREATIONAL ANGLERS BY SUBREGION AND MODE OF FISHING: ATLANTIC, GULF AND PACIFIC COASTS, JANUARY 1995 - DECEMBER 1995

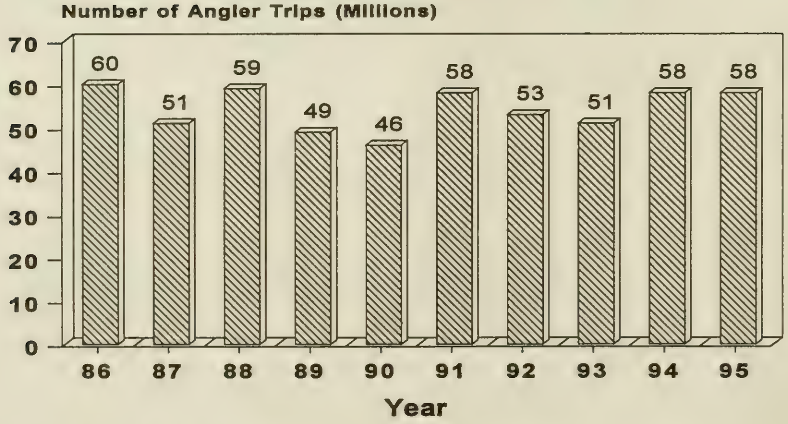
Subregion	Shore	Party/ Charter Boat	Private/ Rental Boat	All trips
	------------Thousands------------			
North Atlantic................	3,137	493	2,905	6,536
Mid-Atlantic..................	5,427	1,734	8,416	15,576
South Atlantic................	10,232	919	7,604	18,754
Gulf of Mexico................	6,803	945	9,367	17,115
Total....................	*25,598*	*4,091*	*28,292*	*57,982*
Southern California...........	1,471	1,142	1,707	4,319
Northern California...........	1,243	270	1,074	2,587
Oregon........................	222	95	382	700
Total....................	*2,936*	*1,507*	*3,163*	*7,606*
Grand Total..............	*28,534*	*5,598*	*31,455*	*65,588*

Note:--Estimates for the Gulf of Mexico exclude Texas. Estimates for the South Atlantic and Gulf of Mexico subregions exclude partyboat trips. Estimates also exclude January/February trips in the North Atlantic subregion and the South Atlantic states north of Florida, as well as November/December trips in the North Atlantic states north of Massachusetts. Pacific coasts estimates due not include salmon fishing trips or Washington trips.

MARINE RECREATIONAL FISHERIES CATCH ATLANTIC AND GULF COASTS

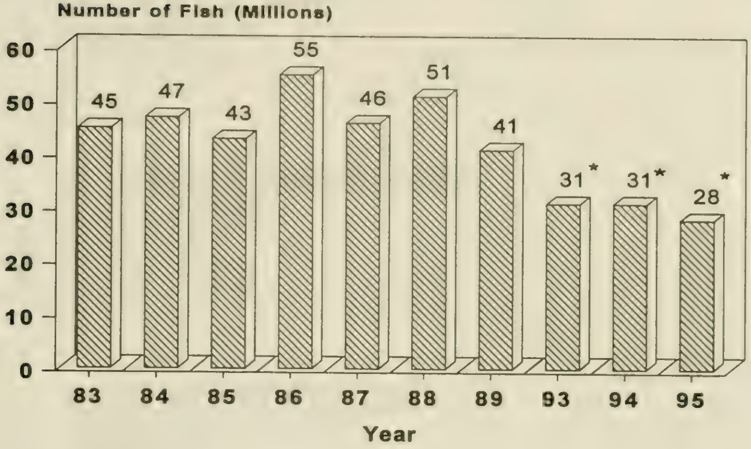


MARINE RECREATIONAL FISHING TRIPS ATLANTIC AND GULF COASTS

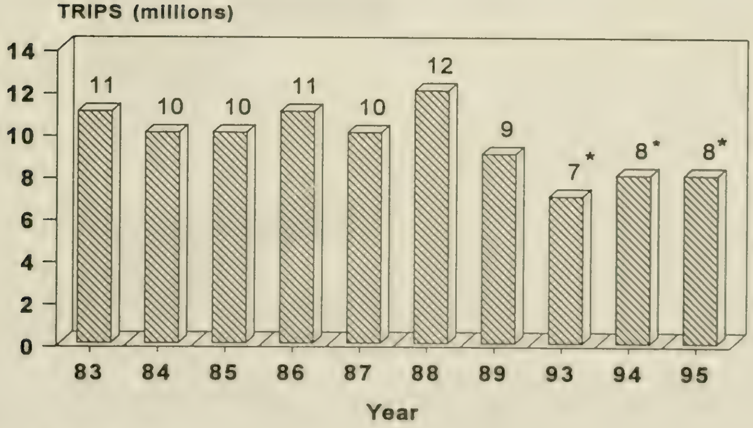


Note: 1995 data are preliminary.

MARINE RECREATIONAL FISHERIES CATCH PACIFIC COAST, VARIOUS YEARS

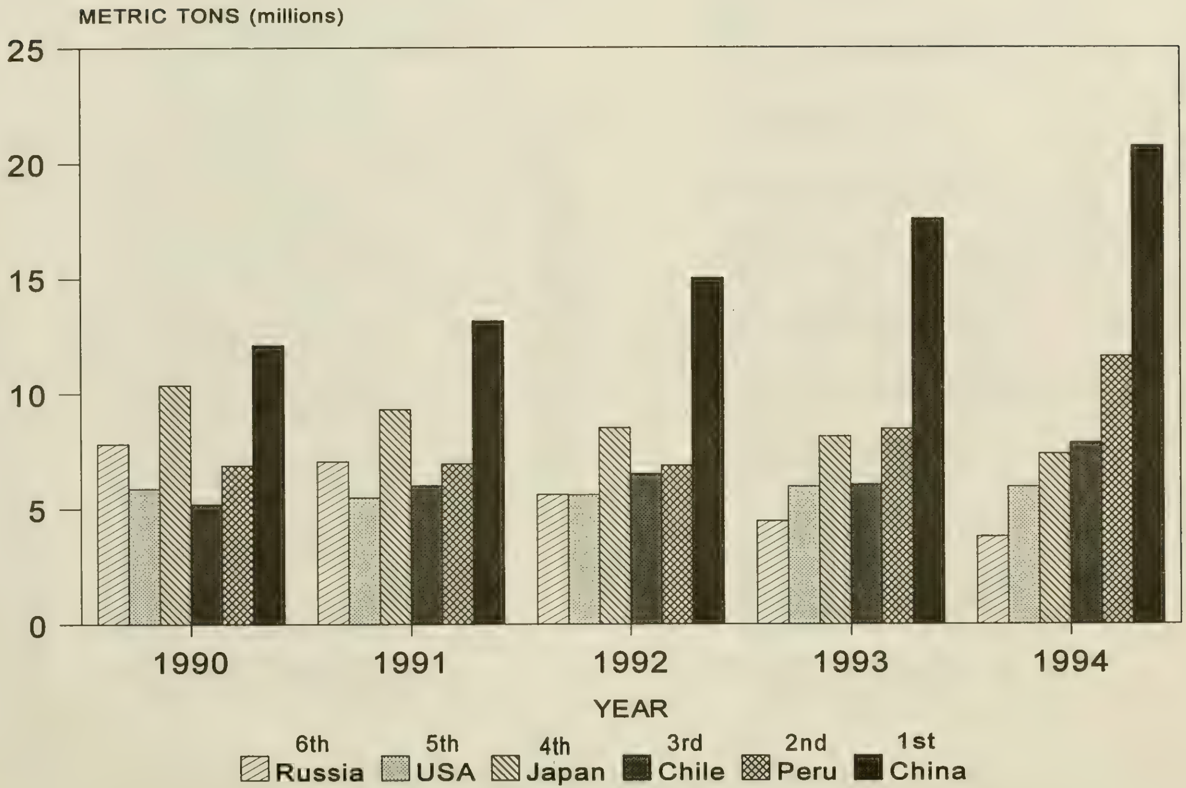


MARINE RECREATIONAL FISHING TRIPS PACIFIC COAST, VARIOUS YEARS



1995 data are preliminary.
No data available for 1990, 1991, 1992.
* Note: 1993-1995 does not include Washington.

WORLD COMMERCIAL CATCH BY LEADING COUNTRIES, 1990-1994



U.S. AND WORLD COMMERCIAL FISH CATCHES, 1958-94

Year	U.S. commercial catch and exvessel value			World commercial catch				
	Published by U.S. (excludes weight of mollusk shells)	Published by FAO (1)	Exvessel value	Fresh-water	Marine			Grand total
					Peruvian anchovy	Other (2)	Total	
	-Million metric tons- Live weight		Billion dollars	- - - - - -Million metric tons- - - - - - - Live weight				
1958..	2.2	2.7	0.4	4.5	0.8	28.0	28.8	33.3
1959..	2.3	2.9	0.4	5.1	2.0	29.8	31.8	36.9
1960..	2.2	2.8	0.4	5.6	3.5	31.1	34.6	40.2
1961..	2.4	2.9	0.4	5.7	5.3	32.6	37.9	43.6
1962..	2.4	3.0	0.4	5.8	7.1	31.9	39.0	44.8
1963..	2.2	2.8	0.4	5.9	7.2	33.5	40.7	46.6
1964..	2.1	2.6	0.4	6.2	9.8	35.9	45.7	51.9
1965..	2.2	2.7	0.4	7.0	7.7	38.5	46.2	53.2
1966..	1.9	2.5	0.5	7.3	9.6	40.4	50.0	57.3
1967..	1.8	2.4	0.4	7.2	10.5	42.7	53.2	60.4
1968..	1.9	2.5	0.5	7.4	11.3	45.2	56.5	63.9
1969..	1.9	2.5	0.5	7.6	9.7	47.1	56.8	64.4
1970..	2.2	2.8	0.6	8.4	13.1	44.1	57.2	65.6
1971..	2.3	2.9	0.7	9.0	11.2	45.9	57.1	66.1
1972..	2.2	2.8	0.7	5.7	4.8	51.5	56.3	62.0
1973..	2.2	2.8	0.9	5.8	1.7	55.2	56.9	62.7
1974..	2.3	2.8	0.9	5.8	4.0	56.0	60.0	65.8
1975..	2.2	2.8	1.0	6.0	3.3	56.4	59.7	65.7
1976..	2.4	3.0	1.3	5.7	4.3	59.1	63.4	69.1
1977..	2.4	3.0	1.5	5.8	0.8	61.6	62.4	68.2
1978..	2.7	3.4	1.9	5.7	1.4	63.1	64.5	70.2
1979..	2.8	3.5	2.2	5.9	1.4	63.6	65.0	70.9
1980..	2.9	3.6	2.2	6.2	0.8	65.1	65.9	72.1
1981..	2.7	3.8	2.4	6.6	1.6	66.4	68.0	74.6
1982..	2.9	4.0	2.4	6.8	1.8	68.2	70.0	76.8
1983..	2.9	4.3	2.4	7.5	0.1	69.9	70.0	77.5
1984..	2.9	5.0	2.3	8.0	0.1	75.8	75.9	83.9
1985..	2.8	4.9	2.3	8.7	1.0	76.7	77.7	86.4
1986..	2.7	5.2	2.8	9.7	4.9	78.2	83.1	92.8
1987..	3.1	6.0	3.1	10.4	2.1	81.9	84.0	94.4
1988..	3.3	5.9	3.5	11.1	3.6	84.4	88.0	99.1
1989..	3.8	5.8	3.2	11.4	5.4	83.3	88.7	100.1
1990..	4.3	5.9	3.5	12.2	3.8	81.9	85.7	97.9
1991..	4.3	5.5	3.3	12.4	4.0	81.4	85.4	97.8
1992..	4.4	5.6	3.7	13.2	5.5	80.6	86.1	99.3
1993..	4.7	5.9	3.5	14.7	8.3	79.2	87.5	102.2
1994..	4.7	5.9	3.8	16.3	11.9	81.4	93.3	109.6

(1) Includes U.S.-flag vessel landings at foreign ports, transfer of catches onto foreign vessels within the U.S. EEZ (joint ventures), and the weight of mollusk shells. (2) Includes diadromous fishes including salmon and other anadromous fishes and catadromous fishes such as eels.

Note:--There are 2,204.6 pounds in a metric ton. Prior to 1970, the world commercial catch of whales and seals is excluded. For the years 1970-1994, data for marine mammals and aquatic plants are excluded.

Source:--Fishery Statistics of the United States; Fisheries of the United States; Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, Rome; various issues.

WORLD COMMERCIAL CATCH OF FISH, CRUSTACEANS, AND MOLLUSKS, BY COUNTRIES, 1990-94 (DOES NOT INCLUDE MARINE MAMMALS AND AQUATIC PLANTS)

Country	1990(1)	1991(1)	1992(1)	1993 (1)	1994
	------------------------Thousand metric tons------------------------ Live-weight				
China...............	12,095	13,135	15,007	17,568	20,719
Peru................	6,875	6,949	6,871	8,452	11,587
Chile...............	5,195	6,003	6,502	6,037	7,841
Japan...............	10,354	9,301	8,502	8,128	7,363
United States (2)...	5,868	5,486	5,599	5,948	5,941
India...............	3,794	4,044	4,232	4,338	4,540
Indonesia...........	3,044	3,252	3,440	3,676	3,954
Russia..............	7,808	7,047	5,611	4,461	3,781
Thailand............	2,786	2,968	3,240	3,331	3,432
South Korea.........	2,843	2,512	2,696	2,649	2,700
Norway..............	1,745	2,173	2,561	2,562	2,551
Philippines.........	2,210	2,316	2,272	2,264	2,276
Denmark.............	1,518	1,793	1,996	1,656	1,887
North Korea (3).....	1,753	1,743	1,778	1,780	1,800
Iceland.............	1,508	1,050	1,577	1,718	1,560
Spain (3)...........	1,380	1,330	1,320	1,290	1,380
Mexico..............	1,401	1,453	1,248	1,201	1,260
Taiwan..............	1,444	1,307	1,314	1,416	1,249
Malaysia............	1,444	1,307	1,314	1,416	1,249
Viet Nam (3)........	960	1,020	1,080	1,100	1,150
Bangladesh..........	848	893	967	1,047	1,091
Canada..............	1,626	1,544	1,276	1,172	1,011
Argentina...........	556	641	705	932	949
United Kingdom......	736	784	801	872	923
France.............	863	816	817	831	838
Burma..............	744	769	800	837	824
Brazil (3)..........	803	800	790	780	820
Morocco.............	566	593	548	622	750
Turkey..............	385	365	454	559	604
Pakistan............	479	515	553	622	552
Italy...............	525	552	557	552	547
Netherlands.........	505	457	486	531	526
South Africa........	538	501	696	563	521
New Zealand.........	372	417	503	470	493
Poland..............	473	457	506	423	460
Venezuela...........	332	358	330	390	424
Sweden..............	260	245	315	348	394
Senegal (3).........	298	320	370	378	388
Tanzania.........	414	327	332	331	343
Ecuador.............	391	384	347	331	340
All others..........	11,218	10,868	10,085	9,642	9,638
Total.........	***97,854***	***97,764***	***99,349***	***102,184***	***109,585***

(1) Revised.

(2) Includes the weight of clam, oyster, scallop, and other mollusk shells. This weight is not included in U.S. landings statistics shown elsewhere.

(3) Data estimated by FAO.

Note:--Statistics on quantities caught by recreational fishermen in the United States are excluded

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994, Vol. 78 , Rome.

WORLD COMMERCIAL CATCH OF FISH, CRUSTACEANS, AND MOLLUSKS, BY CONTINENT, 1990-94 (DOES NOT INCLUDE MARINE MAMMALS AND AQUATIC PLANTS)

Continent	1990 (1)	1991 (1)	1992 (1)	1993 (1)	1994
	Thousand metric tons Live-weight				
North America.....	9,534	9,099	8,675	8,850	8,755
South America.....	14,447	15,463	15,914	17,272	22,302
Europe............	11,463	11,454	12,732	12,525	12,781
Former USSR.......	10,389	9,506	6,864	5,461	4,604
Asia..............	46,070	46,484	48,883	51,925	54,911
Africa............	5,084	4,816	5,250	5,142	5,230
Oceania...........	761	829	905	873	867
Other.............	106	113	126	136	135
Total........	*97,854*	*97,764*	*99,349*	*102,184*	*109,585*

(1) Revised.

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994; Vol. 78 , Rome.

WORLD COMMERCIAL CATCH OF FISH, CRUSTACEANS, AND MOLLUSKS, BY MAJOR FISHING AREAS, 1990-94 (DOES NOT INCLUDE MARINE MAMMALS AND AQUATIC PLANTS)

Area	1990(1)	1991(1)	1992(1)	1993 (1)	1994
	Thousand metric tons Live-weight				
Marine Areas:					
Pacific Ocean....	53,070	52,270	52,080	53,746	59,355
Atlantic Ocean...	23,586	23,760	24,253	23,582	23,545
Indian Ocean.....	6396	6782	7256	7,532	7,512
Total.........	*83,052*	*82,812*	*83,589*	*84,860*	*90,412*
Inland waters:					
North America....	553	549	601	587	562
South America....	335	331	363	387	[illegible]
Europe...........	514	486	498	490	501
Former USSR......	988	824	687	578	[illegible]
Asia.............	10,458	10,931	11,760	13,409	15,274
Africa...........	1,930	1,808	1,826	1,850	[illegible]
Oceania..........	24	23	25	23	24
Total.........	*14,802*	*14,952*	*15,760*	*17,324*	*19,173*
Grand total...	*97,854*	*97,764*	*99,349*	*102,184*	*109,585*

(1) Revised.

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994; Vol. 78 , Rome.

WORLD COMMERCIAL CATCH OF FISH, CRUSTACEANS, AND MOLLUSKS, BY SPECIES GROUPS, 1990-94, (DOES NOT INCLUDE MARINE MAMMALS AND AQUATIC PLANTS)

Species group	1990(1)	1991(1)	1992(1)	1993(1)	1994
	Thousand metric tons Metric tons				
Carps, barbels, cyprinids.......	6,355	6,532	7,211	8,301	9,649
Cods, hakes, haddocks...........	11,603	10,298	10,464	9,892	9,709
Flatfish........................	1,225	1,105	1,175	1,117	984
Herrings, sardines, anchovies...	22,307	21,740	20,509	21,362	25,227
Jacks, mullets, sauries.........	9,761	10,387	10,518	10,103	10,095
Mackerel, snoeks, cutlassfishes.	3,530	3,461	3,426	3,989	4,416
Redfish, basses, congers........	5,774	5,992	6,016	5,773	6,407
River eels......................	187	202	208	202	201
Salmons, trouts, smelts.........	1,493	1,695	1,482	1,701	1,805
Shads...........................	663	679	705	689	672
Sharks, rays, chimaeras........	684	704	712	727	731
Sturgeons, paddlefish...........	18	15	14	9	8
Tilapias........................	855	996	1,054	1,036	1,060
Tunas, bonitos, billfishes......	4,412	4,513	4,506	4,577	4,576
Other fishes....................	15,848	15,524	16,185	16,921	17,395
Crabs...........................	1,284	1,527	1,603	1,757	1,991
Krill...........................	375	356	305	89	82
Lobsters........................	217	226	212	212	222
Shrimp..........................	2,630	2,836	2,943	2,906	3,080
Other crustaceans...............	330	362	382	494	552
Abalones, winkles, conchs.......	67	71	68	84	85
Clams, cockles, arkshells.......	1,522	1,547	1,791	1,940	1,993
Mussels.........................	1,331	1,307	1,332	1,310	1,206
Oysters.........................	1,004	987	1,079	1,170	1,239
Scallops........................	877	847	1,051	1,462	1,634
Squids, cuttlefishes, octopus...	2,362	2,635	2,828	2,822	2,927
Other mollusks..................	843	838	952	1,112	1,181
Sea urchins, other echinoderms..	95	100	102	105	115
Miscellaneous...................	202	282	516	322	343
Total.................	*97,854*	*97,764*	*99,349*	*102,184*	*109,585*

(1) Revised.

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994, Vol. 78 , Rome.

DISPOSITION OF WORLD COMMERCIAL CATCH, 1990-94 (DOES NOT INCLUDE MARINE MAMMALS AND AQUATIC PLANTS)

Item	1990(1)	1991(1)	1992(1)	1993(1)	1994
	Percent of total				
Marketed fresh..................	23.5	23.0	27.0	29.5	28.3
Frozen..........................	24.8	24.4	24.1	23.4	22.4
Canned..........................	12.8	13.0	12.0	11.5	11.0
Cured...........................	10.6	10.6	8.8	8.1	7.8
Reduced to meal and oil (2).....	26.7	27.3	26.3	25.7	28.8
Miscellaneous purposes..........	2	2	2	2	2
Total.................	*100*	*100*	*100*	*100*	*100*

(1) Revised.

(2) Only whole fish destined for the manufacture of oils and meals are included. Raw material for reduction derived from fish primarily destined for marketing fresh, frozen, canned, cured, and'miscellaneous purposes is excluded; such waste quantities are included under the other disposition'channels.

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994, Vol. 79 , Rome.

WORLD IMPORTS AND EXPORTS OF SEVEN FISHERY COMMODITY GROUPS, BY LEADING COUNTRIES, 1990-94

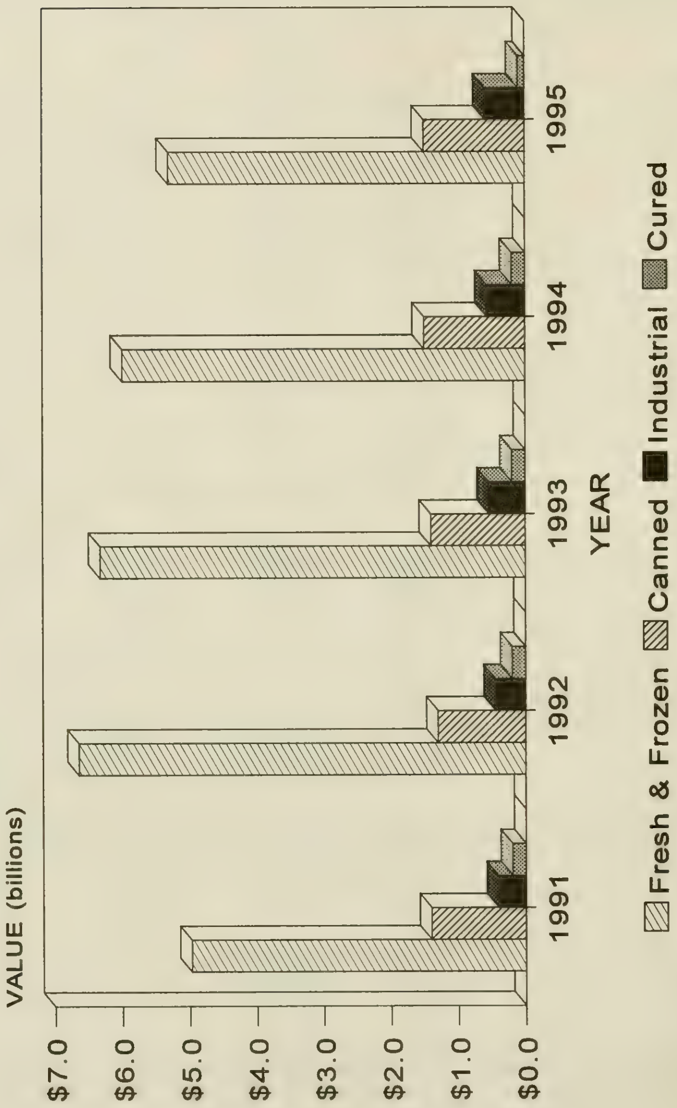
Country	1990 (1)	1991 (1)	1992 (1)	1993 (1)	1994
	--------------------Thousand U.S. dollars--------------------				
IMPORTS					
Japan.................	10,668,292	12,085,125	12,831,762	14,187,149	16,140,465
United States.........	5,573,241	5,999,580	6,024,064	6,290,233	7,043,431
France................	2,809,033	2,925,994	2,934,589	2,556,151	2,796,719
Spain.................	2,360,653	2,748,304	2,898,232	2,629,799	2,638,697
Germany...............	1,899,729	2,114,720	2,190,892	1,883,684	2,580,349
Italy.................	2,458,086	2,689,639	2,643,440	2,131,181	2,257,462
United Kingdom........	1,911,161	1,911,905	1,906,861	1,628,852	1,880,350
Hong Kong.............	1,111,938	1,232,076	1,398,181	1,376,856	1,642,105
Netherlands...........	843,510	867,511	888,606	791,608	1,430,696
Denmark...............	1,116,108	1,148,255	1,197,370	1,094,253	1,415,239
Belgium...............	753,676	775,966	828,086	730,459	920,918
Canada................	620,315	675,242	686,876	821,404	913,404
China.................	207,083	438,090	680,844	575,929	855,706
Thailand..............	794,423	1,052,918	942,090	830,480	815,616
South Korea...........	364,738	568,229	498,036	537,346	718,451
Portugal..............	606,040	757,843	734,928	627,713	669,888
Singapore.............	361,582	460,545	543,769	566,502	619,595
Taiwan................	425,720	458,830	491,029	544,243	560,799
Sweden................	449,101	441,490	467,773	371,756	448,661
Other Countries.......	4,252,659	4,137,182	4,454,035	4,452,831	5,199,449
Total.............	*39,587,088*	*43,489,444*	*45,241,463*	*44,628,429*	*51,548,000*
EXPORTS					
Thailand..............	2,264,937	2,901,360	3,071,780	3,404,268	4,190,036
United States.........	3,019,861	3,281,746	3,582,545	3,179,474	3,229,585
Norway................	2,059,784	2,282,247	2,436,832	2,302,346	2,718,132
Denmark...............	2,165,497	2,302,299	2,319,917	2,150,665	2,359,034
China.................	1,301,690	1,181,989	1,559,977	1,542,429	2,320,125
Taiwan................	1,517,335	1,524,735	1,802,097	2,369,422	2,213,259
Canada................	2,269,802	2,168,122	2,085,495	2,055,438	2,182,078
Netherlands...........	1,332,900	1,356,885	1,405,567	1,296,340	1,614,368
Indonesia.............	978,650	1,186,062	1,178,552	1,419,492	1,583,416
South Korea...........	1,363,296	1,490,659	1,359,050	1,335,238	1,411,052
Chile.................	866,397	1,066,781	1,252,364	1,124,679	1,303,974
Iceland...............	1,240,299	1,280,006	1,252,713	1,137,638	1,264,615
Russia................	-	-	826,299	1,471,446	1,191,192
United Kingdom........	961,982	1,121,885	1,146,138	1,036,674	1,180,158
India.................	467,354	647,652	673,369	835,980	1,125,440
Spain.................	743,506	772,651	712,729	813,750	1,021,015
Peru..................	399,718	498,798	517,119	685,004	979,502
France................	931,193	925,560	955,379	857,752	909,734
Germany...............	665,504	715,975	692,952	654,212	772,731
Australia.............	524,869	577,937	639,223	670,432	758,013
Other Countries.......	10,680,427	11,634,118	10,717,208	10,937,731	12,686,541
Total.............	*35,755,001*	*38,917,467*	*40,187,305*	*41,280,410*	*47,014,000*

(1) Revised.

Note:--Data on imports and exports cover the international trade of 176 countries or areas. The total value of exports is consistently less than the total value of imports, probably because charges for insurance, freight, and similar expenses were included in the import value but not in the export value. The seven fishery commodity groups covered by this table are: 1. Fish, fresh, chilled or frozen; 2. Fish, dried, salted, or smoked; 3. Crustaceans and mollusks, fresh, dried, salted,, etc.; 4. Fish products and preparations, whether or not in airtight containers; 5. Crustacean and mollusk products and preparations, whether or not in airtight containers; 6. Oils and fats, crude or refined, of aquatic animal origin; and 7. Meals, solubles and similar animal foodstuffs of aquatic animal origin.

Source:--Food and Agriculture Organization of the United Nations (FAO) - Yearbook of Fishery Statistics, 1994, Vol. 79 , Rome.

VALUE OF PROCESSED FISHERY PRODUCTS
FROM DOMESTIC CATCH & IMPORTED PRODUCTS
1991 - 1995



PROCESSED FISHERY PRODUCTS

VALUE OF PROCESSED FISHERY PRODUCTS, 1994 AND 1995
(Processed from domestic catch and imported products)

Item	1994		1995 (1)	
	Thousand dollars	Percent of total	Thousand dollars	Percent of total
Edible:				
Fresh and frozen.......	5,989,150	73.2	5,301,256	70.4
Canned.................	1,470,234	18.0	1,544,208	20.5
Cured..................	150,970	1.8	99,117	1.3
Total edible.........	*7,610,354*	*93.0*	*6,944,581*	*92.2*
Industrial:				
Bait and animal food (canned).............	325,264	4.0	342,842	4.6
Meal, oil, and solubles..............	186,222	2.3	172,279	2.3
Other..................	61,992	0.8	73,093	1.0
Total industrial.......	*573,478*	*7.0*	*588,214*	*7.8*
Grand total...........	*8,183,832*	*100.0*	*7,532,795*	*100.0*

(1) Preliminary. May not add due to rounding.

Note:--Value is based on selling price at the plant.

FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP

U.S. PRODUCTION OF FISH STICKS, FISH PORTIONS, AND BREADED SHRIMP, 1986-95

Year	Fish sticks		Fish portions		Breaded shrimp	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1986.........	87,289	94,290	341,655	394,040	101,476	346,088
1987.........	98,927	142,946	323,968	446,459	108,937	371,798
1988.........	80,148	113,868	301,450	439,701	99,471	292,899
1989.........	89,112	116,440	279,864	400,351	120,927	404,535
1990.........	65,209	74,866	242,776	352,589	110,760	353,265
1991.........	63,286	77,877	204,697	313,400	116,335	335,880
1992.........	58,295	56,020	194,307	296,214	122,266	350,497
1993.........	67,959	67,975	206,165	313,195	111,489	316,722
1994.........	58,789	51,429	196,289	268,353	113,461	304,931
1995.........	75,034	74,609	250,413	355,140	100,398	298,730

PROCESSED FISHERY PRODUCTS

FISH FILLETS AND STEAKS

PRODUCTION OF FRESH AND FROZEN FILLETS AND STEAKS, BY SPECIES, 1994 AND 1995

Species	1994 (1)		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Fillets:				
Amberjack	473	1,466	296	1,169
Anglerfish	6,355	12,257	5,552	11,978
Bluefish	223	373	120	247
Cod	57,973	134,551	65,435	152,033
Cusk	472	1,378	339	1,098
Dolphin	3,553	14,160	2,555	9,775
Drum	74	232	67	210
Flounders	35,324	88,510	35,066	86,298
Groupers	3,092	17,151	2,316	13,004
Haddock	3,187	12,356	2,672	11,164
Hake	7,584	8,237	6,422	7,486
Halibut	4,576	21,387	4,168	20,039
Lingcod	1,388	1,864	1,147	1,656
Marlin	568	2,586	470	1,531
Ocean perch:				
Atlantic	630	1,470	230	679
Pacific	2,526	2,574	2,214	2,629
Ocean pout	111	148	22	42
Pollock:				
Atlantic	6,558	15,084	3,930	9,962
Alaska	141,427	143,886	135,457	183,536
Rockfishes	23,459	33,041	25,150	38,391
Sablefish	2,128	5,185	1,607	4,071
Salmon	14,528	52,820	15,641	57,918
Sea bass	642	3,531	773	4,374
Sea trout	288	1,119	464	1,550
Shark	14,526	15,164	11,142	14,680
Snapper	2,173	11,026	1,952	11,231
Spanish mackerel	415	538	312	499
Swordfish	6,492	35,772	6,438	36,460
Tilapia	1,689	5,630	637	1,952
Tuna	7,882	45,051	6,127	36,344
Wahoo	197	1,076	203	1,239
Whitefish	1,339	3,387	1,379	2,891
Wolffish	111	329	397	904
Unclassified	17,654	53,381	14,267	40,449
Total	*369,617*	*746,720*	*354,967*	*767,489*
Steaks:				
Dolphin	158	424	169	469
Flounders	37,529	25,503	13,804	10,687
Halibut	7,616	29,085	6,984	26,368
King mackerel	19	54	7	25
Salmon	2,252	6,406	1,606	4,730
Shark	154	297	53	121
Swordfish	2,977	12,643	3,592	16,902
Tuna	3,925	12,376	4,007	13,777
Unclassified	775	2,273	104	351
Total	*55,405*	*89,061*	*30,326*	*73,430*
Grand total	*425,022*	*835,781*	*385,293*	*840,919*

(1) Revised.

Note: Some fillet production was further processed into frozen blocks.

PROCESSED FISHERY PRODUCTS

CANNED FISHERY PRODUCTS

PRODUCTION OF CANNED FISHERY PRODUCTS, BY SPECIES, 1994 AND 1995

Species	Pounds per case	1994 (1)			1995		
		Standard cases	Thousand pound	Thousand dollars	Standard cases	Thousand pound	Thousand dollars
For human consumption:							
Fish:							
Herring............	23.4	269,776	6,313	11,239	292,193	6,837	12,032
Salmon:							
Chinook..........	44.25	3,313	147	336	3,825	169	474
Chum.............	44.25	212,598	9,407	11,527	234,938	10,396	16,173
Pink.............	44.25	3,634,667	160,834	238,783	4,049,808	179,204	258,900
Coho.............	44.25	25,153	1,113	2,020	66,339	2,935	[illegible]
Sockeye..........	44.25	798,650	35,340	76,344	1,149,476	50,864	[illegible]
Total natural.		*4,674,381*	*206,841*	*329,010*	*5,504,386*	*243,568*	*419,236*
Specialties......	48	9,453	454	3,128	9,761	469	[illegible]
Sardines, Maine....	23.4	664,963	15,560	27,587	579,797	13,567	23,669
Tuna: (2)							
Albacore:							
Solid..........	18	7,286,389	131,155	334,796	7,718,778	138,938	326,701
Chunk..........	18	1,628,605	29,315	66,365	1,411,782	25,412	54,236
Total.......		*8,914,994*	*160,470*	*401,161*	*9,130,560*	*164,350*	*380,937*
Lightmeat:							
Solid..........	18	470,638	8,471	11,760	228,547	4,114	[illegible]
Chunk..........	18	24,476,278	440,573	550,320	27,676,500	498,117	[illegible]
Total.......		*24,946,916*	*449,044*	*562,080*	*27,905,047*	*502,231*	*557,604*
Total tuna....		*33,861,910*	*609,514*	*963,241*	*37,035,607*	*666,581*	*938,541*
Specialties......	48	220	11	41	226	11	44
Other..............	48	270,693	12,993	17,946	327,419	15,716	[illegible]
Total fish....	--	*39,751,396*	*851,686*	*1,352,192*	*43,749,389*	*946,749*	*1,419,221*
Shellfish:							
Clam and clam products: (3)							
Whole and minced.	15	2,355,811	35,337	54,354	2,865,294	42,979	[illegible]
Chowder and juice	30	2,437,931	73,138	39,860	2,491,088	74,733	[illegible]
Specialties......	48	286,273	13,741	11,341	239,633	11,502	[illegible]
Crabs, natural.....	19.5	855	17	122	3,309	65	[illegible]
Lobster meat and specialties.......	48	9,080	436	467	8,627	414	[illegible]
Oyster, specialties	48	172	8	89	124	[illegible]	[illegible]
Shrimp, Natural (4)	6.75	68,645	463	3,486	135,175	912	[illegible]
Other..............	48	226,024	10,849	8,323	156,374	[illegible]	[illegible]
Total shellfish	--	*5,384,791*	*133,989*	*118,042*	*5,899,624*	*138,117*	*124,987*
Total for human consumption..........	--	*45,136,187*	*985,675*	*1,470,234*	*49,649,013*	*1,084,866*	*1,544,208*
For bait and animal food................	48	*16,297,333*	*782,272*	*325,264*	*17,548,979*	*842,351*	*342,842*
Grand total....	--	*61,433,520*	*1,767,947*	*1,795,498*	*67,197,992*	*1,927,217*	*1,887,050*

(1) Revised.

(2) Flakes included with chunk.

(3) "Cut out" or "drained" weight of can contents are given for whole or minced clams, and net contents for other clam products.

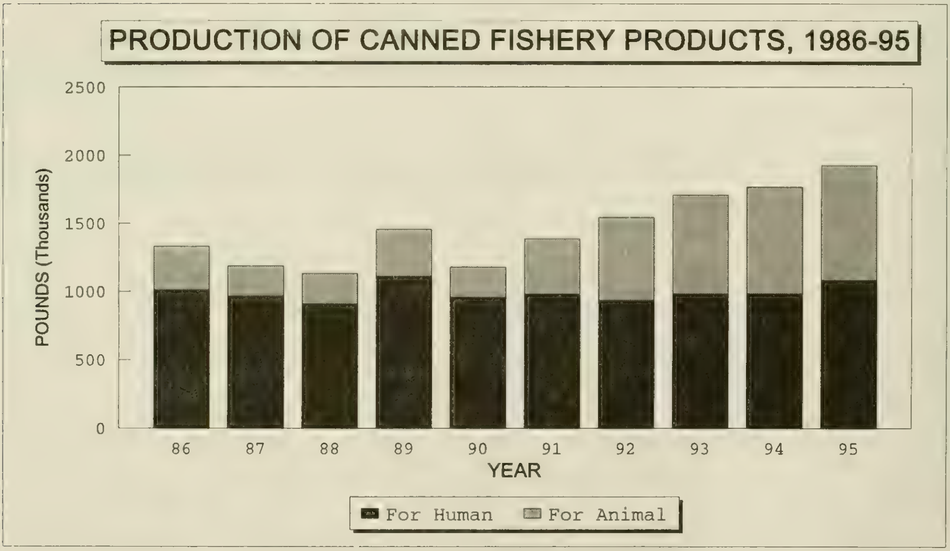
(4) Drained weight.

PROCESSED FISHERY PRODUCTS

CANNED FISHERY PRODUCTS

PRODUCTION OF CANNED FISHERY PRODUCTS, 1986-95

Year	For human consumption		For animal food and bait		Total	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
1986...	1,011,080	1,384,213	320,953	100,377	1,332,033	1,484,590
1987...	965,012	1,476,484	220,641	85,416	1,185,653	1,561,900
1988...	908,687	1,388,122	222,920	97,492	1,131,607	1,485,614
1989...	1,109,788	1,753,536	345,464	238,343	1,455,252	1,991,879
1990...	956,962	1,414,846	221,320	146,947	1,178,282	1,561,793
1991...	981,275	1,439,362	404,440	204,917	1,385,715	1,644,279
1992...	936,117	1,330,173	607,678	247,261	1,543,795	1,577,434
1993...	983,225	1,375,377	725,822	312,597	1,709,047	1,687,974
1994...	985,675	1,470,234	782,272	325,264	1,767,947	1,795,498
1995...	1,084,866	1,544,208	842,351	342,842	1,927,217	1,887,050



INDUSTRIAL PRODUCTS

PRODUCTION OF MEAL, OIL, AND SOLUBLES, 1994 AND 1995

Product	1994 (1)		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Dried scrap and meal:				
Fish:				
Menhaden................	571,776	90,705	450,528	82,453
Tuna and mackerel.......	68,852	6,494	64,548	8,140
Unclassified............	149,725	36,299	135,748	30,579
Total.................	*790,353*	*133,498*	*650,824*	*121,172*
Shellfish................	17,480	1,062	16,416	1,038
Total, scrap and meal.	*807,833*	*134,560*	*667,240*	*122,210*
Solubles, total...........	*146,568*	*14,506*	*89,513*	*7,809*
Body oil:				
Menhaden..................	289,237	36,820	238,164	41,929
Unclassified.............	2,645	336	3,777	331
Total, oil...........	*291,882*	*37,156*	*241,941*	*42,260*

(1) Revised.

Note:--To convert pounds of oil to gallons divide by 7.75. The above data includes production in American Samoa and Puerto Rico.

PRODUCTION OF INDUSTRIAL PRODUCTS, 1986-95

Year	Quantity			Value		
	Meal	Solubles	Marine animal oil	Meal, solubles, and oil	Other industrial products	Grand total
	----------Thousand pounds----------			----------Thousand dollars----------		
1986........	702,194	195,148	336,708	138,765	36,825	175,590
1987........	786,978	249,289	298,496	174,321	37,524	211,845
1988........	643,796	223,449	224,733	188,843	46,737	235,580
1989........	618,382	232,709	225,478	156,321	49,756	206,077
1990........	577,498	185,660	281,949	163,796	42,759	206,555
1991........	612,716	169,607	267,345	170,495	37,707	208,202
1992........	644,512	93,007	184,725	157,693	45,310	203,003
1993........	750,744	126,903	293,452	182,170	43,689	225,859
1994........	807,833	146,568	291,882	186,222	61,992	248,214
1995........	667,240	89,513	241,941	172,279	73,093	245,372

Note:--Does not include the value of imported items that may be further processed.

FROZEN FISHERY PRODUCTS

U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 1995

Item	January 31	February 28	March 31	April 30	May 31	June 30
Fish	-Thousand pounds-					
Blocks:						
Cod	3,357	2,948	3,165	3,463	4,650	4,494
Flounder	513	459	520	548	668	829
Haddock	1,282	1,061	966	1,245	1,445	1,530
Ocean perch	631	492	523	469	330	248
Pollock: Alaska	8,364	12,569	12,864	11,921	12,129	9,998
Saithe and other	6,021	4,490	1,875	4,163	4,384	4,955
Whiting	485	833	536	615	620	634
Minced (grated) all species	10,369	7,568	7,711	4,401	4,920	8,898
Unclassified	4,464	5,880	4,962	5,332	3,921	3,919
Total blocks	*35,486*	*36,300*	*33,122*	*32,157*	*33,067*	*35,505*
Fillets and steaks:						
Cod	16,250	14,568	19,685	23,064	25,468	22,375
Flounder	2,345	2,400	2,683	3,121	4,122	3,468
Haddock	4,285	4,055	3,317	3,211	3,406	3,465
Halibut	1,296	1,083	1,181	916	946	1,093
Ocean perch	3,343	3,091	2,423	2,121	2,005	2,582
Pollock	15,022	15,213	19,553	18,669	15,577	12,605
Whiting	3,139	5,890	4,380	3,141	3,391	3,160
Unclassified	17,398	16,943	16,510	13,698	13,103	15,044
Total fillets and steaks.	*63,078*	*63,243*	*69,732*	*67,941*	*68,018*	*63,792*
Fish sticks and portions (cooked uncooked, all species).	22,492	19,865	17,747	16,820	17,687	19,151
Round, dressed, etc.:						
Catfish	11,270	10,648	10,789	10,180	9,720	9,296
Halibut	10,070	10,016	8,533	7,092	5,599	7,098
Rainbow trout	622	883	701	661	617	238
Salmon	39,411	31,502	23,659	16,386	11,386	10,067
Whiting	2,246	1,034	2,721	1,054	2,367	2,417
Unclassified	21,687	17,787	17,416	19,642	21,031	26,005
Surimi and analog products	17,912	23,367	27,349	24,684	21,331	18,849
Shellfish						
Clams and clam meats	7,319	7,752	8,248	7,842	8,124	7,357
Crabs:						
King	2,478	2,221	2,097	2,013	1,964	2,692
Snow	2,613	8,253	15,149	16,735	15,897	16,098
Unclassified	7,831	8,578	7,638	6,759	6,156	5,781
Lobsters (spiny and other)	4,401	4,197	3,820	3,202	2,468	2,540
Scallops	3,799	4,061	4,074	3,961	3,783	3,492
Shrimp:						
Raw, headless	10920	12033	11342	9956	10564	9,601
Breaded	5,908	6,525	6,178	6,866	7,119	6,676
Peeled	18,693	16,349	15,146	14,949	15,678	17,977
Unclassified	15,252	14,663	10,583	9,247	8,680	8,490
Total shrimp	*50,773*	*49,570*	*43,249*	*41,018*	*42,041*	*42,744*
Squid	12,214	14,701	10,354	10,672	8,959	5,637
Other shellfish	2,419	2,491	2,859	2,693	3,610	2,630
Bait and animal food	7,611	8,038	7,503	8,213	7,097	8,498
Cured fish	343	370	750	334	291	435
Total fish and shellfish.	*326,075*	*324,877*	*317,510*	*300,059*	*291,213*	*290,322*

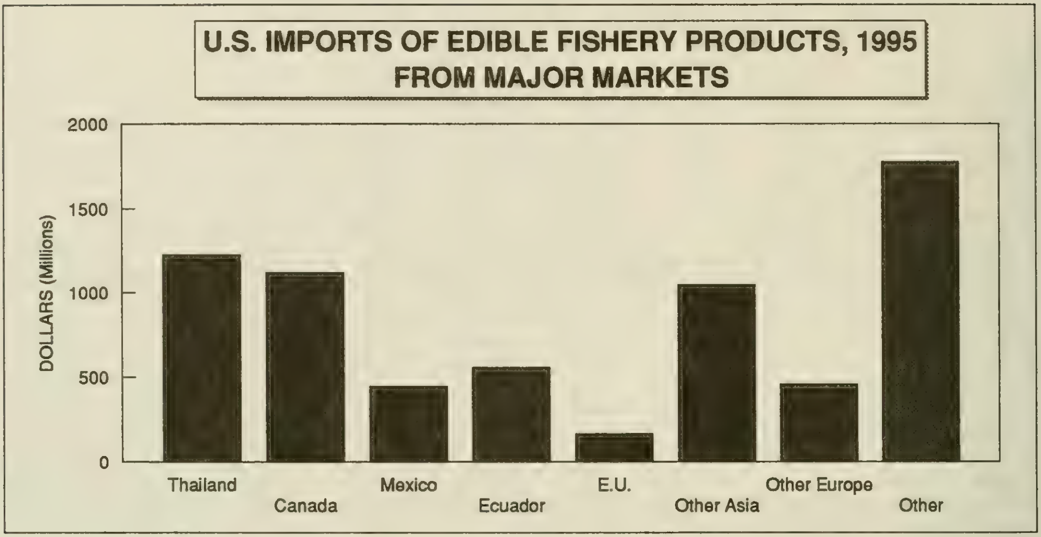
U.S. COLD STORAGE HOLDINGS

FROZEN FISHERY PRODUCTS

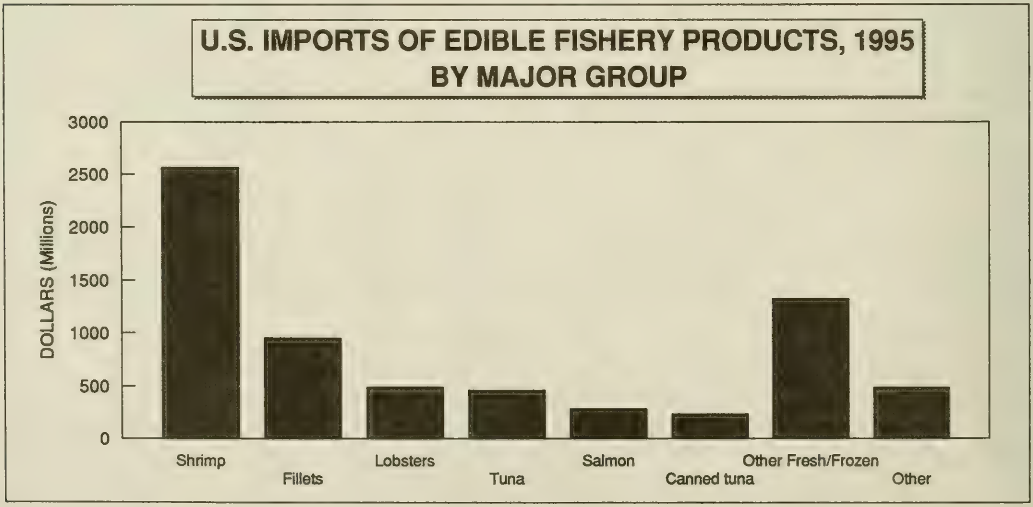
U.S. COLD STORAGE HOLDINGS OF FISHERY PRODUCTS, 1995 - Continued

Item	July 31	August 31	September 30	October 31	November 30	December 31
Fish	-Thousand pounds-					
Blocks:						
Cod	4,487	8,637	5,546	5,468	5,800	6,382
Flounder	755	743	881	924	975	1,490
Haddock	1,575	1,588	2,064	1,823	2,249	2,154
Ocean perch	185	160	183	136	122	176
Pollock: Alaska	8,499	6,940	15,533	11,746	8,467	10,881
Saithe and other	4,019	2,625	2,979	4,454	6,510	8,167
Whiting	585	373	370	401	200	442
Minced (grated) all species	10,063	7,512	5,087	4,751	5,047	3,464
Unclassified	3,647	4,530	2,861	2,710	2,417	3,646
Total blocks	*33,815*	*33,108*	*35,504*	*32,413*	*31,787*	*36,802*
Fillets and steaks:						
Cod	21,043	16,189	20,023	19,038	18,828	18,526
Flounder	3,293	3,823	5,292	4,515	4,736	4,541
Haddock	3,392	3,476	4,341	4,993	4,618	5,472
Halibut	910	964	1,036	975	1,444	1,105
Ocean perch	3,318	3,739	4,723	4,702	5,263	5,938
Pollock	10,698	8,836	16,526	21,333	16,960	13,890
Whiting	2,501	3,036	3,482	4,441	4,973	3,519
Unclassified	15,661	19,687	19,115	18,058	32,187	32,674
Total fillets and steaks.	*60,816*	*59,750*	*74,538*	*78,055*	*89,009*	*85,665*
Fish sticks and portions (cooked uncooked, all species).	17,061	25,669	20,421	20,720	21,649	22,147
Round, dressed, etc.:						
Catfish	9,433	9,074	8,786	10,503	11,575	11,252
Halibut	7,348	8,307	8,539	8,599	8,210	6,564
Rainbow trout	541	677	442	495	587	684
Salmon	31,015	73,002	91,105	79,860	82,119	67,805
Whiting	3,782	5,744	1,800	1,988	2,033	1,239
Unclassified	28,043	26,190	28,108	26,205	27,577	33,427
Surimi and analog products	20,391	24,796	16,894	20,188	27,438	24,345
Shellfish						
Clams and clam meats	5,092	4,786	6,397	6,214	6,266	5,313
Crabs:						
King	2,739	2,771	2,638	5,591	4,934	3,875
Snow	15,700	14,669	12,715	10,988	9,431	8,624
Unclassified	6,259	6,462	6,677	6,357	7,516	3,880
Lobsters (spiny and other)	2,507	3,322	4,004	4,400	4,653	4,117
Scallops	2,555	2,286	2,149	2,204	1,955	2,193
Shrimp:						
Raw, headless	9,265	11,578	16,107	13,422	13,983	17,013
Breaded	5,997	6,030	3,198	5,503	6,017	3,327
Peeled	17,407	18,150	18,907	16,718	17,955	20,513
Unclassified	8,677	8,069	8,476	9,493	10,165	10,901
Total shrimp	*41,346*	*43,827*	*46,688*	*45,136*	*48,120*	*51,754*
Squid	5,521	4,175	3,509	5,849	8,671	13,647
Other shellfish	2,575	3,326	3,989	4,325	4,156	4,125
Bait and animal food	8,375	8,002	7,422	7,432	6,586	7,826
Cured fish	434	459	450	471	580	614
Total fish and shellfish.	*305,348*	*360,402*	*382,775*	*377,993*	*404,852*	*395,898*

Note:--Holdings of frozen fishery products include domestic and imported fish and shellfish.
Source:--Frozen Fishery Products - Annual Summary, 1995, Current Fishery Statistics No. 9501 will provide additional information.



U.S. IMPORTS OF EDIBLE FISHERY PRODUCTS, 1995
FROM MAJOR MARKETS



U.S. IMPORTS OF EDIBLE FISHERY PRODUCTS, 1995
BY MAJOR GROUP

FOREIGN TRADE

IMPORTS

FISHERY PRODUCTS IMPORTS, BY PRINCIPAL ITEMS, 1994 AND 1995

Item	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Edible fishery products:				
Fresh and frozen:				
Whole or eviscerated:				
Flatfish	39,337	68,323	31,817	58,081
Groundfish	62,822	49,253	55,091	45,310
Salmon	117,349	252,963	126,123	280,781
Tuna:				
Albacore	201,944	223,460	198,429	216,232
Other (1)	256,439	202,668	297,447	241,261
Other	286,688	321,811	298,573	334,633
Fillets and steaks:				
Flatfish	39,493	96,047	47,134	112,922
Groundfish	189,097	336,964	184,845	323,836
Other	210,469	421,118	245,504	514,854
Blocks and slabs	199,607	184,371	210,275	213,566
Surimi	4,866	3,433	11,023	8,361
Shrimp	621,618	2,654,099	590,634	2,564,830
Crabmeat	13,739	69,855	12,363	64,294
Lobster:				
American	40,712	210,650	37,095	210,442
Spiny	22,604	237,442	28,785	281,227
Scallops (meats)	56,676	216,073	48,331	174,103
Other fish and shellfish	164,747	368,504	174,028	427,668
Total, fresh and frozen	*2,528,207*	*5,917,034*	*2,597,497*	*6,072,401*
Canned:				
Anchovy	6,896	21,970	6,371	21,403
Herring	1,404	1,914	1,656	2,306
Mackerel	27,460	13,803	20,086	9,664
Salmon	1,093	3,627	1,202	5,627
Sardines:				
In oil	14,308	24,964	13,845	26,017
Not in oil	29,634	24,109	28,435	22,906
Tuna	249,043	285,950	215,365	233,505
Clams	13,307	16,380	9,938	11,570
Crabmeat	9,852	35,605	12,441	49,226
Lobsters	291	2,487	1,096	10,347
Oysters	11,605	30,745	10,602	30,964
Shrimp	6,314	13,686	6,570	16,061
Balls, cakes, and puddings	8,911	15,769	7,881	14,208
Other fish and shellfish	39,065	50,914	42,934	49,590
Total, canned	*419,183*	*541,923*	*378,422*	*503,394*
Cured:				
Dried	19,537	51,556	22,906	64,043
Pickled or salted	41,685	46,598	38,552	46,794
Smoked or kippered	9,065	24,682	9,466	24,948
Total, cured	*70,287*	*122,836*	*70,924*	*135,785*
Caviar and roe	4,127	27,564	4,727	33,709
Prepared meals	2,743	6,461	2,923	8,384
Other fish and shellfish	10,294	29,314	11,967	38,017
Total edible fishery products	*3,034,841*	*6,645,132*	*3,066,460*	*6,791,690*
Nonedible fishery products:				
Meal and scrap	548,288	77,142	139,101	24,658
Fish oils	40,642	15,547	23,913	13,795
Other	-	5,249,051	-	5,621,480
Total nonedible fishery products	-	*5,341,740*	-	*5,659,933*
Grand total	-	*11,986,872*	-	*12,451,623*

(1) Includes loins and discs.

Note:--Data include imports into the United States and Puerto Rico and landings of tuna by foreign vessels at American Samoa. Statistics on imports are the weight of individual products as exported, i.e., fillets, steaks, whole, headed, etc.

Imports and Exports of Fishery Products, Annual Summary, 1995, Current Fishery Statistics No. 9502 provides additional information.

Source:--U.S. Department of Commerce, Bureau of the Census.

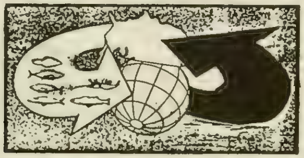
FOREIGN TRADE

IMPORTS

EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 1986-95

Year	Edible		Nonedible	Total
	Thousand pounds	- - - - - - - -Thousand dollars- - - - - - - -		
1986...................	2,978,905	4,813,488	2,812,805	7,626,293
1987...................	3,201,132	5,711,233	3,106,464	8,817,697
1988...................	2,967,786	5,441,628	3,430,369	8,871,997
1989...................	*3,243,017	5,497,849	4,106,507	9,604,356
1990...................	2,884,596	5,233,167	3,814,513	9,047,680
1991...................	3,014,819	5,671,887	3,763,173	9,435,060
1992...................	2,893,954	5,705,876	4,165,386	9,871,262
1993...................	2,917,160	5,848,738	4,773,649	10,622,387
1994...................	3,034,841	6,645,132	5,341,740	11,986,872
1995...................	3,066,460	*6,791,690	*5,659,933	*12,451,623

*Record. Source:--U.S. Department of Commerce, Bureau of the Census.



FISHERY PRODUCTS IMPORTS: VALUE, DUTIES COLLECTED, AND AD VALOREM EQUIVALENT, 1986-95

Year	Value		Duties collected		Average ad valorem equivalent	
	Fishery imports	All imports	Fishery imports	All imports	Fishery imports	All imports
	- - - - - - - - - -Thousand dollars- - - - - - - -				- - - - Percent - - - -	
1986.......	7,626,293	368,656,594	187,791	13,312,112	2.5	3.6
1987.......	8,817,697	402,066,002	178,861	13,922,567	2.0	3.5
1988.......	8,871,997	437,140,185	206,470	15,054,304	2.3	3.4
1989.......	9,604,356	472,976,600	235,851	16,096,400	2.5	3.4
1990.......	9,047,680	490,553,800	213,710	16,338,700	2.4	3.3
1991.......	9,435,060	483,027,900	204,694	16,197,300	2.2	3.4
1992.......	9,871,262	525,091,414	206,480	17,164,481	2.1	3.3
1993.......	10,622,387	486,386,000	215,885	18,333,800	2.0	3.8
1994.......	11,986,872	657,884,700	242,977	19,846,400	2.0	3.0
1995.......	12,451,623	739,660,200	221,270	18,596,800	1.8	2.5

Source:--U.S. Department of Commerce, Bureau of the Census.

IMPORTS

EDIBLE AND NONEDIBLE FISHERY PRODUCTS IMPORTS, 1995

Continent and Country	Edible		Nonedible	Total
	Thousand pounds	- - - - - -Thousand dollars- - - - - -		
North America:				
Canada	522,287	1,120,237	556,247	1,676,484
Mexico	133,597	446,385	142,709	589,094
Panama	36,439	98,903	7,650	106,553
Dominican Republic	504	1,062	99,610	100,672
Honduras	25,613	99,832	33	99,865
Other	78,333	271,417	63,209	334,626
Total	*796,773*	*2,037,836*	*869,458*	*2,907,294*
South America:				
Ecuador	207,644	557,310	5,449	562,759
Chile	118,116	236,722	17,472	254,194
Brazil	18,642	92,102	41,547	133,649
Argentina	62,460	71,452	14,512	85,964
Peru	25,808	53,266	30,007	83,273
Other	80,585	164,638	64,599	229,237
Total	*513,255*	*1,175,490*	*173,586*	*1,349,076*
Europe:				
European Union:				
Italy	752	2,078	1,280,612	1,282,690
France	56,896	32,334	468,346	500,680
Germany	2,701	4,516	223,655	228,171
United Kingdom	8,925	24,290	109,456	133,746
Netherlands	8,607	27,326	55,082	82,408
Other	44,796	74,511	163,316	237,827
Total	*122,677*	*165,055*	*2,300,467*	*2,465,522*
Other:				
Iceland	90,825	183,380	1,042	184,422
Russia	74,129	142,525	3,215	145,740
Norway	64,219	121,324	14,851	136,175
Switzerland	92	109	96,041	96,150
Turkey	574	1,696	52,826	54,522
Other	5,742	10,398	48,688	59,086
Total	*235,581*	*459,432*	*216,663*	*676,095*
Asia:				
Thailand	383,126	1,227,991	394,690	1,622,681
Japan	71,787	143,478	410,320	553,798
China	211,290	306,408	104,277	410,685
India	56,484	131,113	248,303	379,416
Hong Kong	10,741	14,110	358,757	372,867
Other	505,601	805,375	497,498	1,302,873
Total	*1,239,029*	*2,628,475*	*2,013,845*	*4,642,320*
Oceania:				
New Zealand	81,461	177,883	7,399	185,282
Australia	5,532	56,618	26,620	83,238
French Polynesia	500	659	11,920	12,579
Fiji	3,235	5,372	717	6,089
Solomon Is	7,840	3,946	573	4,519
Other	10,308	8,630	1,977	10,607
Total	*108,876*	*253,108*	*49,206*	*302,314*
Africa:				
South Africa	26,527	37,703	23,607	61,310
Morocco	7,188	17,811	5,149	22,960
Ghana	7,862	3,792	371	4,163
Nigeria	1,734	2,624	679	3,303
Tanzania	1,010	1,732	1,465	3,197
Other	5,948	8,632	5,437	14,069
Total	*50,269*	*72,294*	*36,708*	*109,002*
Grand total	*3,066,460*	*6,791,690*	*5,659,933*	*12,451,623*

Source:--U.S. Department of Commerce, Bureau of the Census.

IMPORTS

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY SPECIES AND TYPE, 1994 AND 1995

Species and type	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Regular blocks and slabs:				
Cod	33,375	52,796	35,540	60,064
Flatfish	3,624	6,661	5,732	10,589
Haddock	11,845	18,876	12,802	19,549
Ocean Perch	1,975	2,349	1,023	1,465
Pollock	74,295	44,134	102,029	71,443
Whiting	18,236	16,736	27,042	24,354
Other	3,457	5,205	4,949	6,773
Total	*146,807*	*146,757*	*189,117*	*194,237*
Minced blocks and slabs	52,800	37,614	21,158	19,329
Grand total	*199,607*	*184,371*	*210,275*	*213,566*

Source:--U.S. Department of Commerce, Bureau of the Census.

REGULAR AND MINCED FISH BLOCKS AND SLABS IMPORTS, BY COUNTRY OF ORIGIN, 1994 AND 1995

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
China	55,946	31,120	67,555	46,310
Russia	51,025	31,695	42,458	35,251
Norway	13,827	21,641	16,660	27,842
Iceland	23,925	34,966	17,378	27,041
Denmark	8,488	13,855	9,627	17,207
Canada	8,133	10,542	12,883	13,706
South Africa	4,226	5,729	5,671	8,053
Argentina	9,516	7,296	8,618	6,718
Chile	1,429	1,555	8,305	6,573
Other	23,092	25,972	21,120	24,865
Total	*199,607*	*184,371*	*210,275*	*213,566*

Source:--U.S. Department of Commerce, Bureau of the Census.

GROUNDFISH FILLET AND STEAK IMPORTS, BY SPECIES, 1994 AND 1995 (1)

Species	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Cod	72,719	161,450	75,869	166,437
Haddock (2)	73,656	110,911	73,883	100,589
Ocean Perch	42,722	64,603	35,093	56,810
Total	*189,097*	*336,964*	*184,845*	*323,836*

(1) Does not include data on fish blocks and slabs.

(2) Includes some quantities of cusk, hake, and pollock fillets.

Source:--U.S. Department of Commerce, Bureau of the Cenus.

IMPORTS

CANNED TUNA NOT IN OIL, QUOTA AND IMPORTS, 1986-95

Year	Quota (1)	Imports		
		Under quota (2)	Over quota (3)	Total
	Thousand pounds			
1986	81,092	81,092	153,057	234,149
1987	91,539	91,539	123,364	214,903
1988	85,185	85,185	193,784	278,969
1989	76,734	76,734	234,323	311,057
1990	87,158	87,158	171,472	258,630
1991	75,092	75,092	237,236	312,328
1992	73,724	73,724	259,740	333,464
1993	72,681	72,681	144,287	216,968
1994	73,294	73,294	168,225	241,519
1995	73,367	73,367	126,176	199,543

(1) Imports have been subject to tariff quotas since April 14, 1956, and are based on 20 percent of the previous year's domestic pack, excluding the pack in American Samoa.

(2) Dutiable in 1956 to 1967 at 12.5 percent ad valorem; 1968, 11 percent; 1969, 10 percent; 1970, 8.5 percent; 1971, 7 percent; and 1972 to 1995, 6 percent.

(3) Dutiable in 1972 to 1995, 12.5 percent.

Note:--Data in this table will not agree with tuna import data released by the U.S. Department of Commerce, Bureau of the Census. Any tuna entered for consumption or withdrawn from a warehouse for consumption during the calendar year, except for receipts from insular possessions of the U.S., is subject to this quota.

Source:--U.S. Department of the Treasury, U.S. Customs Service.

CANNED TUNA, BY COUNTRY OF ORIGIN, 1994 AND 1995

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Thailand	171,249	194,818	122,734	136,589
Philippines	38,328	37,967	56,381	51,126
Indonesia	25,578	31,728	31,390	38,028
Malaysia	2,917	5,734	2,226	4,245
Ecuador	3,057	3,270	827	738
Taiwan	4,112	7,890	380	671
Spain	598	961	208	555
Singapore	125	169	274	348
Venezuela	337	338	284	310
Other	2,742	3,075	661	895
Total	*249,043*	*285,950*	*215,365*	*233,505*

Source:--U.S. Department of Commerce, Bureau of the Census.

FOREIGN TRADE

IMPORTS

SHRIMP IMPORTS, BY COUNTRY OF ORIGIN, 1994 AND 1995

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
North America:				
Mexico	50,576	254,022	72,975	342,874
Panama	15,485	64,864	18,922	77,490
Honduras	19,947	77,031	18,615	66,607
Nicaragua	4,626	17,548	7,909	29,705
El Salvador	6,729	23,167	8,256	27,706
Canada	10,343	19,394	16,324	26,208
Guatemala	8,074	27,024	5,976	18,467
Costa Rica	2,570	12,145	2,772	12,740
Belize	1,130	4,522	1,321	5,875
Trinidad & Tobago	672	2,204	520	1,882
Other	1,585	3,977	497	1,617
Total	*121,737*	*505,898*	*154,087*	*611,171*
South America:				
Ecuador	106,056	455,096	114,105	443,478
Venezuela	9,469	40,608	10,630	41,520
Colombia	6,893	29,301	6,861	24,842
Peru	5,353	23,306	5,998	24,426
Guyana	6,824	16,857	7,237	18,099
Brazil	10,212	33,767	4,162	15,768
Chile	395	1,250	563	2,003
Uruguay	37	48	148	176
Argentina	257	1,166	-	-
Suriname	4	5	-	-
Total	*145,500*	*601,404*	*149,704*	*570,312*
Europe:				
European Union:				
United Kingdom	482	1,770	732	3,184
Belgium	25	178	342	1327
Denmark	678	1,590	139	502
Netherlands	-	-	58	374
Germany	2	10	50	154
Other	80	362	44	152
Total	*1,267*	*3,910*	*1,365*	*5,693*
Other:				
Norway	2,882	7,526	131	552
Iceland	854	2,185	120	550
Switzerland	-	-	13	10
Faroe Islands	486	1,249	-	-
Russia	19	36	-	-
Total	*4,241*	*10,996*	*264*	*1,112*
Asia:				
Thailand	178,107	981,047	171,508	981,088
India	49,810	142,257	39,076	109,957
China	50,386	104,991	32,284	79,515
Bangladesh	19,020	97,689	10,916	65,700
Indonesia	24,255	101,948	11,775	58,568
Philippines	6,001	28,545	4,582	21,727
Viet Nam	1,229	5,121	2,877	16,622
Singapore	4,805	20,361	3,723	14,984
Pakistan	8,455	21,217	4,980	13,014
Malaysia	3,631	11,458	2,693	8,907
Other	7,401	27,458	5,620	19,614
Total	*353,100*	*1,542,092*	*290,034*	*1,389,696*
Oceania	117	579	53	362
Africa	1,970	2,906	1,697	2,545
Grand total	*627,932*	*2,667,785*	*597,204*	*2,580,891*

Note:--Statistics on imports are the weights of the individual products as exported, i.e., raw headless, peeled, etc.

Source:--U.S. Department of Commerce, Bureau of the Census.

IMPORTS

SHRIMP IMPORTS, BY TYPE OF PRODUCT, 1994 AND 1995

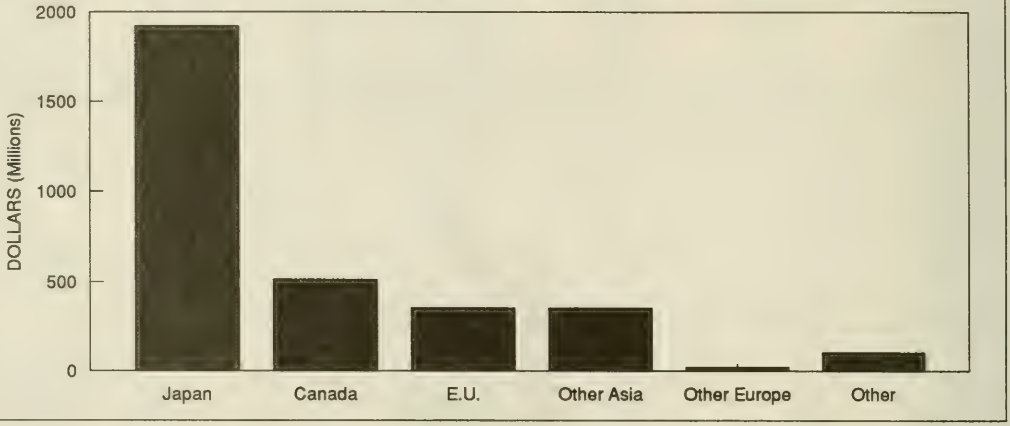
Type of product	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Shell-on (heads off).....	335,377	1,548,691	327,295	1,482,667
Peeled:				
Canned.................	6,314	13,686	6,570	16,061
Not breaded:				
Raw..................	255,707	942,403	226,684	876,832
Other................	29,471	158,393	35,234	198,667
Breaded................	1,063	4,612	1,421	6,664
Total..........	*627,932*	*2,667,785*	*597,204*	*2,580,891*

Source:--U.S. Department of Commerce, Bureau of the Census.

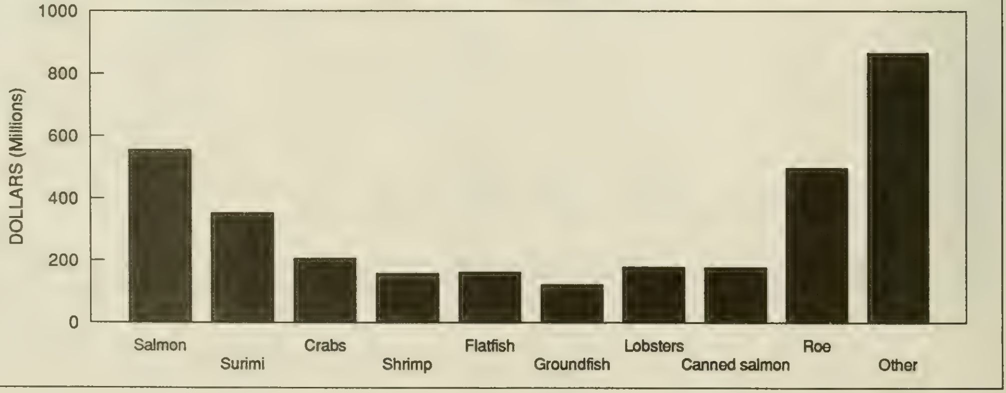
FISH MEAL AND SCRAP IMPORTS, BY COUNTRY OF ORIGIN, 1994 AND 1995

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Peru....................	423,775	56,220	23,763	3,845
Chile...................	60,631	7,851	24,886	3,764
Canada..................	23,001	7,646	23,212	6,613
Panama..................	27,139	2,745	35,847	3,449
Iceland.................	11,967	2,192	3,300	737
Denmark.................	1,574	369	9,266	2,477
Norway..................	148	77	22	22
France..................	44	24	44	27
Mexico..................	-	-	18,666	3,673
Other...................	9	18	95	51
Total..........	*548,288*	*77,142*	*139,101*	*24,658*

Source:--U.S. Department of Commerce, Bureau of the Census.



U.S. EXPORTS OF EDIBLE FISHERY PRODUCTS, 1995
TO MAJOR MARKETS



U.S. EXPORTS OF EDIBLE FISHERY PRODUCTS, 1995
BY MAJOR GROUP

EXPORTS

FISHERY PRODUCTS EXPORTS, BY PRINCIPAL ITEMS, 1994 AND 1995 (1)

Item	1994		1995	
	Thousand pounds	Thousand Dollars	Thousand pounds	Thousand Dollars
Edible fishery products:				
Fresh and frozen:				
Whole or eviscerated:				
Flatfish	196,595	157,082	198,489	160,909
Groundfish	115,506	102,611	119,983	119,043
Herring	90,446	53,670	94,974	69,658
Sablefish	37,159	89,572	38,241	101,000
Salmon	287,187	523,443	303,360	553,751
Tuna	28,512	48,941	28,869	44,098
Other	212,343	191,478	251,651	232,146
Fillets, and steaks:				
Cod	4,383	5,779	3,693	6,394
Other	38,869	58,970	47,092	72,449
Blocks and slabs	59,908	56,984	36,689	37,729
Surimi	314,731	319,354	298,540	353,496
Fish sticks and like products	24,464	30,243	30,223	42,479
Clams	1,953	2,607	2,176	3,679
Crabs	87,531	337,621	46,879	204,710
Crabmeat	3,269	9,250	1,523	4,841
Lobsters	32,705	142,068	36,967	176,920
Scallops (meats)	5,990	20,470	5,926	19,242
Sea urchins	7,518	13,795	6,365	13,473
Shrimp	39,707	151,533	39,202	156,681
Squid	109,577	60,171	120,316	66,561
Other fish and shellfish	27,348	52,844	23,692	48,964
Total, fresh and frozen	*1,725,701*	*2,428,486*	*1,734,850*	*2,488,223*
Canned:				
Salmon	90,915	163,632	95,655	175,392
Sardines	11,010	9,413	11,773	8,915
Tuna	8,391	11,827	7,385	10,957
Abalone	2,293	38,621	880	7,026
Crabmeat	511	1,864	276	741
Shrimp	1,841	7,288	3,250	17,048
Squid	8,591	3,891	6,382	3,366
Other fish and shellfish	14,544	13,473	14,232	13,158
Total, canned	*138,096*	*250,009*	*139,833*	*236,603*
Cured:				
Dried	4,266	16,013	6,120	15,198
Pickled or salted	6,259	7,745	6,629	8,368
Smoked or kippered	683	2,635	492	2,375
Total, cured	*11,208*	*26,393*	*13,241*	*25,941*
Caviar and roe:				
Herring	13,320	24,042	28,428	38,406
Pollock	20,353	91,207	33,274	144,343
Salmon	23,552	115,910	25,082	128,882
Sea Urchin	8,730	120,783	8,527	130,264
Other	12,674	47,140	12,514	53,800
Total, caviar and roe	*78,629*	*399,082*	*107,825*	*495,695*
Prepared meals	9,777	10,284	4,429	9,406
Other fish and shellfish	15,096	11,866	15,644	6,369
Total edible fishery products	*1,978,507*	*3,126,120*	*2,015,822*	*3,262,237*
Nonedible fishery products:				
Meal and scrap	159,937	37,253	176,981	41,331
Fish oils	242,788	39,029	260,394	44,214
Other	-	4,217,488	-	4,964,536
Total nonedible fishery products	-	*4,254,741*	-	*5,005,867*
Grand total	-	*7,380,861*	-	*8,268,104*

(1) Figures reflect both domestic and foreign (re-exports).

Source:--U.S. Department of Commerce, Bureau of the Census.

FOREIGN TRADE

EXPORTS

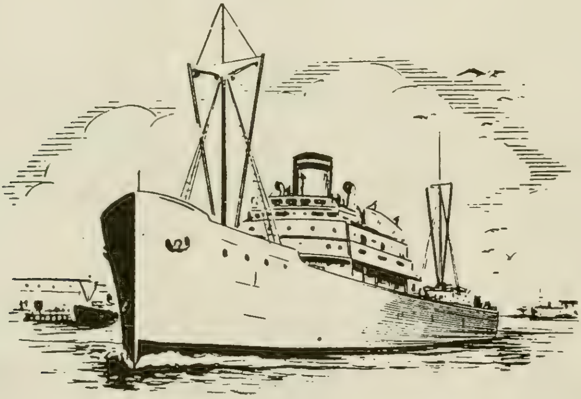
FISHERY PRODUCTS EXPORTS, 1986-95 (1)

Year	Edible		Nonedible	Total
	Thousand pounds	- - - - - -Thousand dollars- - - - - -		
1986....................	754,258	1,325,615	68,193	1,393,808
1987....................	806,116	1,625,385	96,725	1,722,110
1988....................	1,085,935	2,213,326	125,061	2,338,387
1989....................	1,405,977	2,355,603	2,582,538	4,938,141
1990....................	1,947,292	2,881,262	3,084,677	5,965,939
1991....................	2,058,594	3,155,771	3,386,037	6,541,808
1992....................	*2,087,606	*3,465,667	3,653,965	7,119,632
1993....................	1,986,027	3,076,813	3,847,911	6,924,724
1994....................	1,978,507	3,126,120	4,254,741	7,380,861
1995....................	2,015,822	3,262,237	*5,005,867	*8,268,104

(1) Figures reflect both domestic and foreign (re-exports). *Record.

NOTE:--The increase in the nonedible value beginning in 1989 is due to re-examination of commodities that are considered to be based on fishery products including fish, shellfish, aquatic plants and animals and any products thereof, including processed and manufactured products.

Source:--U.S. Department of Commerce, Bureau of the Census.



EXPORTS

EDIBLE AND NONEDIBLE FISHERY PRODUCTS EXPORTS, 1995 (1)

Continent and Country	Edible		Nonedible	Total
	Thousand pounds	- - - - - -Thousand dollars- - - - - -		
North America:				
Canada	286,382	511,396	1,077,157	1,588,553
Mexico	17,839	37,341	290,374	327,715
Panama	1,194	1,242	44,740	45,982
Dominican Republic	1,932	1,688	37,692	39,380
Netherlands Antilles	1,039	2,076	26,416	28,492
Other	13,278	19,861	120,754	140,615
Total	*321,664*	*573,604*	*1,597,133*	*2,170,737*
South America:				
Brazil	1,085	1,334	119,849	121,183
Argentina	339	657	45,025	45,682
Venezuela	7,704	4,625	39,238	43,863
Colombia	2,099	1,102	42,631	43,733
Chile	476	330	31,440	31,770
Other	5,012	5,511	63,137	68,648
Total	*16,715*	*13,559*	*341,320*	*354,879*
Europe:				
European Union:				
United Kingdom	57,223	103,069	192,913	295,982
France	47,075	82,836	163,066	245,902
Netherlands	14,042	22,996	159,584	182,580
Germany	11,194	23,418	130,372	153,790
Italy	18,943	29,477	75,235	104,712
Other	72,323	92,659	204,277	296,936
Total	*220,800*	*354,455*	*925,447*	*1,279,902*
Other:				
Switzerland	1,013	2,731	216,494	219,225
Russia	3,486	3,144	22,559	25,703
Norway	8,998	12,781	12,065	24,846
Poland	112	93	8,412	8,505
Turkey	354	421	4,490	4,911
Other	2,576	2,080	19,312	21,392
Total	*16,539*	*21,250*	*283,332*	*304,582*
Asia:				
Japan	1,038,909	1,920,463	650,620	2,571,083
Hong Kong	28,964	44,601	276,592	321,193
South Korea	144,263	124,551	174,151	298,702
Taiwan	20,660	62,171	136,732	198,903
Thailand	5,807	12,642	111,204	123,846
Other	172,195	107,817	359,254	467,071
Total	*1,410,798*	*2,272,245*	*1,708,553*	*3,980,798*
Oceania:				
Australia	18,088	21,452	87,007	108,459
New Zealand	1,261	1,548	18,104	19,652
French Polynesia	483	688	1,338	2,026
Fiji	1,343	744	578	1,322
Christmas Is	-	-	961	961
Other	393	245	2,071	2,316
Total	*21,568*	*24,677*	*110,059*	*134,736*
Africa:				
South Africa	1,804	1,638	25,159	26,797
Egypt	147	202	3,718	3,920
Nigeria	5,190	224	3,148	3,372
Zimbabwe	-	-	1,394	1,394
Mauritius	78	65	1,017	1,082
Other	519	318	5,587	5,905
Total	*7,738*	*2,447*	*40,023*	*42,470*
Grand total	*2,015,822*	*3,262,237*	*5,005,867*	*8,268,104*

(1) Figures reflect both domestic and foreign (re-exports).

Source:--U.S. Department of Commerce, Bureau of the Census.

EXPORTS

FRESH AND FROZEN SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	17,946	78,432	19,552	84,428
Mexico	11,349	34,309	7,577	25,238
Japan	1,960	8,622	2,455	12,149
China	2,752	8,492	2,481	7,435
Norway	497	2,029	1,154	4,597
Thailand	323	1,238	678	2,640
Honduras	710	4,018	521	2,566
Denmark	41	161	440	2,069
South Korea	249	1,160	439	2,012
Other	3,880	13,072	3,905	13,547
Total	*39,707*	*151,533*	*39,202*	*156,681*

(1) Figures reflect both domestic and foreign (re-export).
Source:--U.S. Department of Commerce, Bureau of the Census.

CANNED SHRIMP EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Canada	863	3,932	936	4,586
Thailand	278	1,265	606	4,379
China	12	96	362	2,240
Ecuador	136	632	238	1,527
South Korea	63	238	182	1,231
Indonesia	16	98	125	670
Belgium	45	299	99	617
Japan	23	96	70	418
Greece	269	203	470	394
Other	136	429	162	986
Total	*1,841*	*7,288*	*3,250*	*17,048*

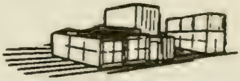
(1) Figures reflect both domestic and foreign (re-export).
Source:--U.S. Department of Commerce, Bureau of the Census.

EXPORTS

FRESH AND FROZEN SALMON EXPORTS, WHOLE OR EVISCERATED, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	219,208	432,643	213,638	421,094
Canada	24,132	38,590	40,764	71,277
France	16,006	17,824	16,601	20,139
Taiwan	1,291	1,902	2,177	5,291
Denmark	5,055	5,407	4,578	5,000
Belgium	3,481	4,388	3,879	4,680
China	868	1,941	3,206	4,297
Sweden	3,702	3,484	3,342	3,306
Spain	855	992	3,088	3,160
Other	12,589	16,272	12,087	15,507
Total	*287,187*	*523,443*	*303,360*	*553,751*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.



CANNED SALMON EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
United Kingdom	41,796	80,211	44,881	86,688
Canada	24,974	45,424	28,756	52,843
Australia	10,511	17,472	8,868	15,468
Netherlands	8,304	13,287	7,518	11,764
Belgium	1,194	1,605	2,131	3,033
Ireland	714	1,188	741	1,229
Japan	1,841	1,855	694	1,193
New Zealand	555	853	687	1,131
South Africa	32	63	250	343
Other	994	1,674	1,129	1,700
Total	*90,915*	*163,632*	*95,655*	*175,392*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

EXPORTS

FRESH AND FROZEN CRAB EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	75,405	301,316	38,706	184,172
Canada	3,541	9,420	6,187	12,672
China	5,819	18,973	1,207	4,865
Thailand	41	111	148	736
Hong Kong	78	545	90	467
South Korea	2,137	5,434	121	415
United Kingdom	42	238	68	333
Australia	-	-	37	167
Singapore	8	39	47	157
Other	460	1,545	268	726
Total	*87,531*	*337,621*	*46,879*	*204,710*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN CRABMEAT EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	2,267	6,971	495	2,370
Canada	204	506	106	377
Hong Kong	61	123	147	340
Thailand	12	30	115	189
Belgium	25	175	53	181
Peru	79	74	108	163
Uruguay	-	-	69	155
Taiwan	6	23	29	130
Singapore	23	93	31	108
Other	592	1,255	370	828
Total	*3,269*	*9,250*	*1,523*	*4,841*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FRESH AND FROZEN HERRING EXPORTS, WHOLE OR EVISCERATED BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Japan	69,311	49,054	54,951	52,786
China	872	923	23,577	10,734
Canada	7,216	2,810	8,873	5,087
Russia	12,679	653	1,725	443
South Korea	2	3	303	229
Nigeria	-	-	5,190	224
France	-	-	48	65
Other	366	227	307	90
Total	*90,446*	*53,670*	*94,974*	*69,658*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

EXPORTS

FISH AND MARINE ANIMAL OIL EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Netherlands	142,341	20,209	176,460	27,612
Canada	29,710	6,082	41,579	8,661
Japan	16,341	2,088	20,202	3,280
South Korea	1,615	1,283	4,124	1,151
Spain	-	-	5,950	801
Mexico	3,525	908	3,305	725
Hong Kong	-	-	2,222	475
Indonesia	2,205	293	2,645	426
Italy	4,409	1,486	2,204	336
Other	42,642	6,680	1,703	747
Total	*242,788*	*39,029*	*260,394*	*44,214*

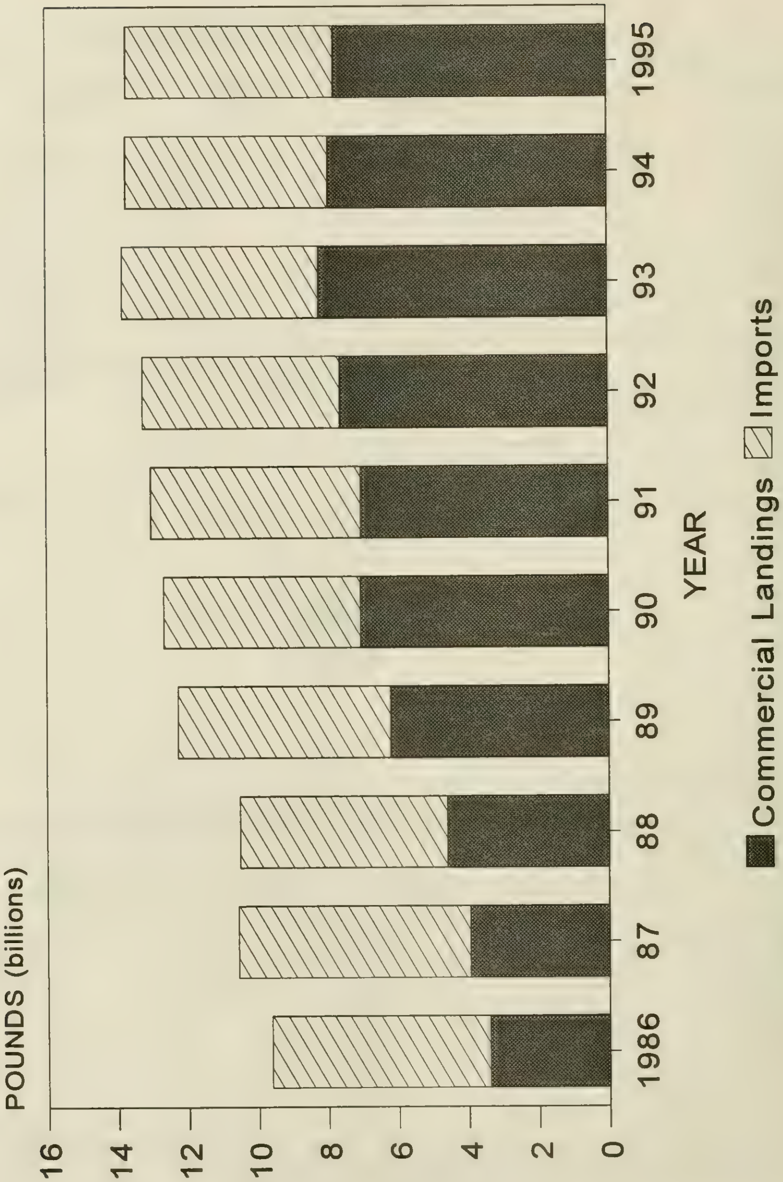
(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

FISH MEAL EXPORTS, BY COUNTRY OF DESTINATION, 1994 AND 1995 (1)

Country	1994		1995	
	Thousand pounds	Thousand dollars	Thousand pounds	Thousand dollars
Taiwan	58,975	14,463	53,358	12,168
Canada	39,678	8,888	30,818	6,961
China	7,676	1,164	22,324	5,563
Japan	28,281	5,688	21,874	4,944
Philippines	3,349	595	21,744	3,505
Hong Kong	1,735	814	7,156	1,695
Indonesia	1,647	948	7,853	1,238
Thailand	8,126	2,213	1,563	1,203
South Korea	3,871	768	2,848	1,166
Other	6,599	1,712	7,443	2,888
Total	*159,937*	*37,253*	*176,981*	*41,331*

(1) Figures reflect both domestic and foreign (re-exports).
Source:--U.S. Department of Commerce, Bureau of the Census.

U.S. SUPPLY OF EDIBLE FISHERY PRODUCTS
(ROUND WEIGHT)
1986 - 1995



U.S. SUPPLY OF EDIBLE AND INDUSTRIAL COMMERCIAL FISHERY PRODUCTS, 1986-95
(Round weight)

Year	Domestic commercial landings (1)		Imports (2)		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1986	6,031	42.0	8,337	58.0	14,368
1987	6,896	43.8	8,848	56.2	15,744
1988	7,192	49.2	7,436	50.8	14,628
1989	8,463	54.7	7,022	45.3	15,485
1990	9,404	57.5	6,945	42.5	16,349
1991	9,484	58.0	6,879	42.0	16,363
1992	9,637	59.8	6,469	40.2	16,106
1993	10,467	51.5	9,867	48.5	20,334
1994	10,461	54.2	8,848	45.8	19,309
1995	9,904	59.7	6,696	40.3	16,600

(1) Preliminary.
(2) Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings of foreign-caught tuna in American Samoa.

Note:--The weights of U.S. landings and imports represent the round (live) weight of all items except univalve and bivalve mollusks (conchs, clams, oysters, scallops, etc.) which are shown in weight of meats (excluding the shell).

U.S. SUPPLY OF EDIBLE COMMERCIAL FISHERY PRODUCTS, 1986-95
(Round weight)

Year	Domestic commercial landings (1)		Imports (2)		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1986	3,393	35.3	6,227	64.7	9,620
1987	3,946	37.4	6,615	62.6	10,561
1988	4,588	43.7	5,917	56.3	10,505
1989	6,204	50.6	6,064	49.4	12,268
1990	7,041	55.6	5,621	44.4	12,662
1991	7,031	54.0	5,989	46.0	13,020
1992	7,618	57.5	5,624	42.5	13,242
1993	8,214	59.4	5,607	40.6	13,821
1994	7,936	57.9	5,778	42.1	13,714
1995	7,783	56.8	5,917	43.2	13,700

(1) Preliminary.
(2) Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings of foreign-caught tuna in American Samoa.

U.S. SUPPLY OF INDUSTRIAL COMMERCIAL FISHERY PRODUCTS, 1986-95
(Round weight)

Year	Domestic commercial landings (1)		Imports		Total
	Million pounds	Percent	Million pounds	Percent	Million pounds
1986	2,638	55.6	2,110	44.4	4,748
1987	2,950	56.9	2,233	43.1	5,183
1988	2,604	63.2	1,519	36.8	4,123
1989	2,259	70.2	958	29.8	3,217
1990	2,363	64.1	1,324	35.9	3,687
1991	2,453	73.4	890	26.6	3,343
1992	2,019	70.5	845	29.5	2,864
1993	2,253	34.6	4,260	65.4	6,513
1994	2,525	45.1	3,070	54.9	5,595
1995	2,121	73.1	779	26.9	2,900

(1) Preliminary.

SUPPLY OF FISHERY PRODUCTS

U.S. SUPPLY OF COMMERCIAL FINFISH AND SHELLFISH, 1994 AND 1995

Item	Domestic commercial landings		Imports (1)		Total	
	1994	1995	1994	1995	1994	1995
	---------------Million pounds--round weight-----------------					
Edible fishery products:						
Finfish	6,612	6,531	4,107	4,278	10,719	10,809
Shellfish	1,324	1,252	1,671	1,639	2,995	2,891
Total	*7,936*	*7,783*	*5,778*	*5,917*	*13,714*	*13,700*
Industrial fishery products:						
Finfish	2,520	2,106	(2) 3,070	779	5,590	2,885
Shellfish	5	15	(3)	(3)	5	15
Total	*2,525*	*2,121*	*(2) 3,070*	*779*	*5,595*	*2,900*
Total:						
Finfish	9,132	8,637	7,177	5,057	16,309	13,694
Shellfish	1,329	1,267	1,671	1,639	3,000	2,906
Total	*10,461*	*9,904*	*8,848*	*6,696*	*19,309*	*16,600*

See footnotes below.

VALUE OF U.S. SUPPLY OF COMMERCIAL FINFISH AND SHELLFISH, 1994 AND 1995

Item	Domestic commercial landings		Imports (1)		Total	
	1994	1995	1994	1995	1994	1995
	-----------------Million dollars-----------------					
Edible fishery products:						
Finfish	1,895	1,817	2,743	2,904	4,638	4,721
Shellfish	1,856	1,808	3,902	3,888	5,758	5,696
Total	*3,751*	*3,625*	*6,645*	*6,792*	*10,396*	*10,417*
Industrial fishery products:						
Finfish	89	133	77	25	170	158
Shellfish	6	12	(3)	(3)	11	12
Total	*95*	*145*	*(2) 77*	*(2) 25*	*181*	*170*
Total:						
Finfish	1,984	1,950	2,820	2,929	4,804	4,879
Shellfish	1,862	1,820	3,902	3,888	5,764	5,708
Total	*3,846*	*3,770*	*6,722*	*6,817*	*10,568*	*10,587*

(1) Excludes imports of edible fishery products consumed in Puerto Rico, but includes landings o foreign-caught tuna in American Samoa.
(2) Includes only quantity and value of fish meal.
(3) Not available.

Note:--Value of domestic commercial landings is exvessel value.

U.S. SUPPLY OF REGULAR AND MINCED BLOCKS, 1986-95
(Edible weight)

Year	U.S. Production	Imports	Total	Exports (1)	Total Supply
	---------- Thousand pounds ----------				
1986	3,919	363,897	367,816	(2)	367,816
1987	13,559	403,577	417,136	(2)	417,136
1988	44,602	303,237	347,839	(2)	347,839
1989	30,898	283,278	314,176	35,296	278,880
1990	9,739	264,468	274,207	34,255	239,952
1991	22,013	290,485	312,498	14,502	297,996
1992	66,898	229,314	296,212	41,588	254,624
1993	37,860	211,569	249,429	38,199	211,230
1994	27,960	199,607	227,567	59,908	167,659
1995	38,460	210,275	248,735	36,689	212,046

(1) For the period 1989-1991 data is estimated based on removal of surimi which was included in the export classification. (2) Not reported.

U.S. SUPPLY OF ALL FILLETS AND STEAKS, 1986-95
(Edible weight)

Year	U.S. Production (1)	Imports	Total	Exports	Total Supply
	---------- Thousand pounds ----------				
1986	279,468	538,532	818,000	49,534	768,466
1987	356,081	620,985	977,066	66,036	911,030
1988	378,236	517,709	895,945	100,301	795,644
1989	371,082	517,620	888,702	68,931	819,771
1990	440,692	458,413	899,105	51,599	847,506
1991	472,668	440,018	912,686	69,086	843,600
1992	448,664	408,059	856,723	52,247	804,476
1993	420,169	440,354	860,523	48,847	811,676
1994	425,022	439,059	864,081	43,252	820,829
1995	385,293	477,483	862,776	50,785	811,991

(1) Includes fillets used to produce blocks.

U.S. SUPPLY OF GROUNDFISH FILLETS AND STEAKS, 1986-95
(Edible weight)

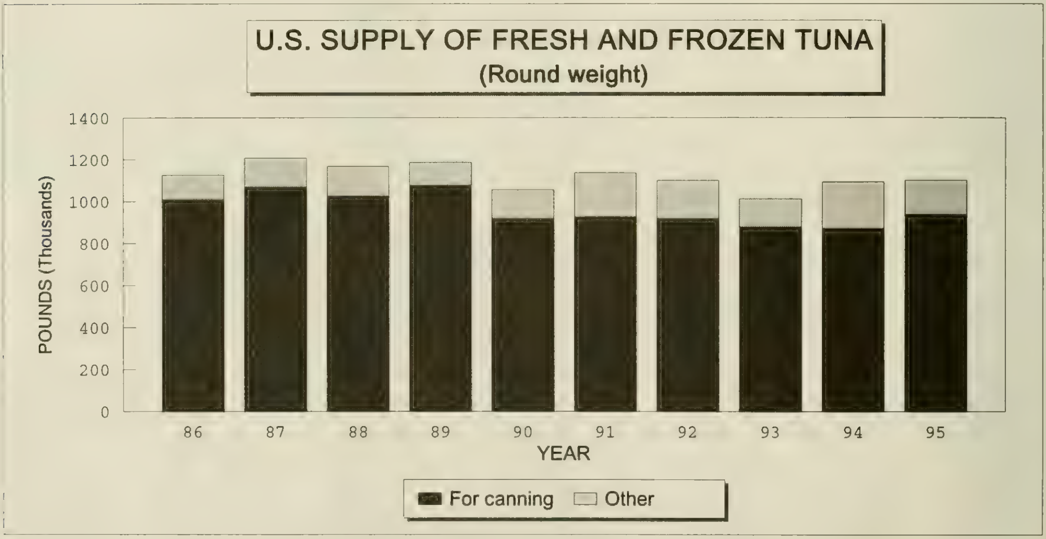
Year	U.S. Production (1)	Imports	Total	Exports (2)	Total Supply
	---------- Thousand pounds ----------				
1986	133,552	287,099	420,651	10,712	409,939
1987	199,743	315,418	515,161	12,341	502,820
1988	206,786	253,187	459,973	14,417	445,556
1989	211,498	265,001	476,499	9,652	466,847
1990	258,809	200,980	459,789	6,944	452,845
1991	264,323	202,409	466,732	34,442	432,290
1992	252,358	172,755	425,113	17,507	407,606
1993	233,755	186,516	420,271	12,242	408,029
2994	220,357	189,097	409,454	17,639	391,815
1995	216,699	184,845	401,544	24,606	376,938

(1) Includes fillets used to produce blocks. Species include: cod, cusk, haddock, hake, pollock, and ocean perch. (2) Species include: cod 1986-95; pollock 1991-95.

U.S. SUPPLY OF FRESH AND FROZEN TUNA, 1986-95
(Round weight)

Year	U.S. commercial landings (1)			Imports (2)			Exports Total	Total supply
	For canning	Other	Total	For canning	Other	Total		
	(Thousand pounds)							
1986......	454,386	105,031	559,417	554,965	12,559	567,524	(3)	1,126,941
1987......	507,872	119,783	627,655	562,220	16,663	578,883	(3)	1,206,538
1988......	486,640	122,935	609,575	538,588	18,900	557,488	(3)	1,167,063
1989......	452,278	87,823	540,101	625,738	38,564	664,302	17,478	1,186,925
1990......	391,954	119,955	511,909	526,496	37,826	564,322	19,773	1,056,458
1991......	346,322	178,025	524,347	579,556	50,290	629,846	17,714	1,136,479
1992......	435,924	137,933	573,857	482,677	63,524	546,201	20,011	1,100,047
1993......	426,036	62,933	488,969	453,046	92,965	546,011	21,660	1,013,320
1994......	401,732	157,695	559,427	469,514	92,352	561,866	28,512	1,092,781
1995......	407,036	86,956	493,992	531,266	105,304	636,570	28,869	1,101,693

(1) Includes a quantity of fish landed at other ports by U.S.-flag vessels.
(2) Includes landings in American Samoa of foreign caught fish.
(3) Not reported.


U.S. SUPPLY OF FRESH AND FROZEN TUNA
(Round weight)

U.S. SUPPLY OF CANNED SARDINES, 1986-95
(Canned weight)

Year	U.S. pack	Imports (1)	Total	Exports	Total supply
			Thousand pounds		
1986..........	15,601	53,264	68,865	558	68,307
1987..........	13,116	65,022	78,138	1,157	76,981
1988..........	18,611	53,359	71,970	8,717	63,253
1989..........	13,221	56,379	69,600	9,070	60,530
1990..........	13,240	56,963	70,203	9,048	61,155
1991..........	13,986	48,515	62,501	10,668	51,833
1992..........	17,437	36,511	53,948	12,690	41,258
1993..........	14,354	39,111	53,465	12,275	41,190
1994..........	15,560	43,942	59,502	11,010	48,492
1995..........	13,567	42,280	55,847	11,773	44,074

(1) For specific breakouts see table "Fishery Products Imports, by Principal Items, 1994 and 1995.

U.S. SUPPLY OF CANNED SALMON, 1986-95
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
			Thousand pounds		
1986..............	141,756	4,622	146,378	59,434	86,944
1987..............	105,206	6,652	111,858	36,108	75,750
1988..............	88,419	3,528	91,947	32,993	58,954
1989..............	197,044	2,943	199,987	40,497	159,490
1990..............	196,383	1,378	197,761	49,546	148,215
1991..............	195,744	983	196,727	66,134	130,593
1992..............	149,453	974	150,427	77,895	72,532
1993..............	198,344	428	198,772	84,610	114,162
1994.............	206,841	1,093	207,934	90,915	117,019
1995..............	243,568	1,202	244,770	95,655	149,115

U.S. SUPPLY OF CANNED TUNA, 1986-95
(Canned weight)

Year	U.S. pack (1)	Imports	Total	Exports	Total supply
			Thousand pounds		
1986..............	636,831	236,621	873,452	(2)	873,452
1987..............	653,983	211,685	865,668	(2)	865,668
1988..............	598,181	244,504	842,685	(2)	842,685
1989..............	686,267	348,212	1,034,479	6,495	1,027,984
1990..............	580,601	284,593	865,194	9,039	856,155
1991..............	592,786	351,744	944,530	11,310	933,220
1992..............	608,981	323,413	932,394	10,141	922,253
1993..............	618,743	224,419	843,162	8,534	834,628
1994..............	609,514	249,043	858,557	8,391	850,166
1995..............	666,581	215,365	881,946	7,385	874,561

(1) For specific breakout see table "Production of Canned Fishery Products, by Species, 1994 and 1995." (2) Not reported.

U.S. SUPPLY OF KING CRAB, 1986-95
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (1)	Total supply
	------Thousand pounds------				
1986	25,909	(2)	25,909	7,215	18,694
1987	29,065	(2)	29,065	15,039	14,026
1988	20,973	(2)	20,973	10,554	10,419
1989	26,391	5,150	31,541	(3) 13,196	18,345
1990	33,917	4,925	38,842	(3) 19,486	19,356
1991	28,140	7,087	35,227	15,320	19,907
1992	19,056	11,958	31,014	16,241	14,773
1993	24,732	7,395	32,127	24,372	7,755
1994	11,960	15,035	26,995	15,013	11,982
1995	14,673	18,360	33,033	11,847	21,186

(1) Imports, exports, foreign exports converted to round (live) weight by using these conversion factors: frozen, 1.75; meat, 4.50; and canned, 5.33 (2) Not reported. (3) Estimated, based on available foreign import data.

U.S. SUPPLY OF SNOW (TANNER) CRABS, 1986-95
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	------Thousand pounds------				
1986	110,000	5,510	115,510	67,057	48,453
1987	113,812	7,706	121,518	92,644	28,874
1988	146,326	6,765	153,091	122,741	30,350
1989	164,643	3,927	168,570	(3) 111,028	57,542
1990	213,395	10,772	224,167	(3) 187,069	37,098
1991	357,122	19,091	376,213	(3) 316,162	60,051
1992	350,039	18,882	368,921	281,214	87,707
1993	255,733	31,224	286,957	220,618	66,339
1994	159,574	27,446	187,020	147,006	40,014
1995	80,817	20,969	101,786	59,805	41,981

(1) Converted to round (live) weight by multiplying canned weight by 5.00; fresh and frozen, 1.50; and meat, 4.50. (2) Domestic merchandise converted to round (live) weight by multiplying frozen weight by 2.13 (belived to be mostly sections); meat, 4.50; and canned, 5.33. Foreign exports converted using the same factors as imports. (3) Estimated, based on available foreign import data.

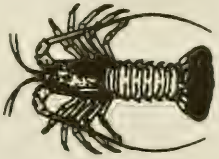
U.S. SUPPLY OF CANNED CRABMEAT, 1986-95
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	------Thousand pounds------				
1986	591	8,778	9,369	50	9,319
1987	200	7,967	8,167	63	8,104
1988	359	7,720	8,079	250	7,829
1989	504	8,280	8,784	930	7,854
1990	695	8,563	9,258	434	8,824
1991	77	11,385	11,462	525	10,937
1992	99	9,577	9,676	789	8,887
1993	70	9,817	9,887	668	9,219
1994	17	9,852	9,869	511	9,358
1995	65	12,441	12,506	276	12,230

U.S. SUPPLY OF AMERICAN LOBSTERS,1986-95
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	---Thousand pounds---				
1986...........	46,053	67,293	113,346	(3)	113,346
1987...........	45,558	70,207	115,765	(3)	115,765
1988...........	48,643	72,638	121,281	(3)	121,281
1989...........	52,926	42,530	95,456	10,310	85,146
1990...........	61,017	49,592	110,609	15,274	95,335
1991...........	63,337	65,381	128,718	21,485	107,233
1992...........	55,841	59,335	115,176	20,332	94,844
1993...........	56,513	55,570	112,083	20,354	91,729
1994...........	66,416	65,949	132,365	31,646	100,719
1995...........	66,406	62,923	129,329	35,587	93,742

(1) Only imports from Canada and St. Pierre and Miquelon are considered American lobster and were converted to round (live) by using these conversion factors: 1.00, Whole; 4.50, meat; and 4.64, canned. (2) Domestic exports converted to live weight by 1.00, whole; 4.00, meat; and 4.50, canned. Foreign exports converted using import factors. (3) Not reported.



U.S. SUPPLY OF SPINY LOBSTERS,1986-95
(Round weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports (2)	Total supply
	---Thousand pounds---				
1986...........	6,775	145,097	151,872	(3)	151,872
1987...........	5,755	145,706	151,461	(3)	151,461
1988...........	7,166	132,071	139,237	(3)	139,237
1989...........	8,125	87,793	95,918	6,373	89,545
1990...........	7,120	88,426	95,546	6,948	88,598
1991...........	7,096	81,332	88,428	3,388	85,040
1992...........	4,872	77,848	82,720	2,001	80,719
1993...........	6,076	70,884	76,960	1,306	75,654
1994...........	8,104	68,787	76,891	1,304	75,587
1995...........	7,123	86,900	94,023	5,035	88,988

(1) Imports were converted to round (live) weight by using these conversion factors: 1.00, whole; 3.00, tails; 4.35, other; and 4.50 canned. (2) Domestic exports converted to round weight by using: 1.00, whole; 3.00, tails, 4.00, other; 4.50, canned. Foreign exports converted using import factors. (3) Not reported.

U.S. SUPPLY OF CLAMS, 1986-95
(Meat weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports	Total supply
	Thousand pounds				
1986........	145,393	16,880	162,273	1,243	161,030
1987........	134,357	17,641	151,998	1,157	150,841
1988........	131,740	14,872	146,612	1,458	145,154
1989........	138,166	13,254	151,420	1,863	149,557
1990........	139,198	15,830	155,028	2,961	152,067
1991........	134,243	12,291	146,534	2,948	143,586
1992........	142,449	14,262	156,711	1,662	155,049
1993........	147,752	9,579	157,331	1,809	155,522
1994........	131,427	15,507	146,934	2,617	144,317
1995........	134,224	12,645	146,869	2,853	144,016

(1) For specific breakout see table on page 1.

(2) Imports and exports were converted to meat weight by using these conversion factors: 0.40, in shell or shucked; 0.30, canned chowder and juice; and 0.93, other.

U.S. SUPPLY OF OYSTERS, 1986-95
(Meat weight)

Year	U.S. commercial landings	Imports (1)	Total	Exports	Total supply
	Thousand pounds				
1986........	48,769	50,038	98,807	(2)	98,807
1987........	39,807	52,085	91,892	(2)	91,892
1988........	31,892	46,414	78,306	(2)	78,306
1989........	29,250	37,662	66,912	1,090	65,822
1990........	29,193	27,546	56,739	1,004	55,735
1991........	31,859	15,674	47,533	739	46,794
1992........	36,156	14,891	51,047	797	50,250
1993........	33,575	15,285	48,860	1,131	47,729
1994........	38,086	13,649	51,735	1,988	49,747
1995........	40,380	13,061	53,441	1,908	51,533

(1) Imports and exports were converted to meat weight by using these conversion factors: 0.93, canned; 3.12, canned smoked; and 0.75, other. (2) Not reported.

U.S. SUPPLY OF SCALLOPS, 1986-95
(Meat weight)

Year	U.S. commercial landings (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1986........	22,343	47,916	70,259	1,205	69,054
1987	40,773	39,934	80,707	1,343	79,364
1988........	42,994	32,039	75,033	1,369	73,664
1989........	40,611	40,874	81,485	2,498	78,987
1990........	41,591	39,839	81,430	7,099	74,331
1991........	39,740	29,528	69,268	7,083	62,185
1992........	33,884	38,682	72,566	3,589	68,977
1993........	18,638	51,973	70,611	4,147	66,464
1994........	25,469	56,676	82,145	5,990	76,155
1995........	19,526	48,331	67,857	5,926	61,931

(1) For specific breakout see table on page 1.

U.S. SUPPLY OF ALL FORMS OF SHRIMP, 1986-95
(Heads-off weight)

Year	U.S. commercial landings (1)	Imports (2)	Total	Exports (3)	Total supply
	Thousand pounds				
1986........	244,409	492,005	736,414	30,450	705,964
1987........	223,514	583,030	806,544	33,813	772,731
1988........	203,350	598,210	801,560	34,784	766,776
1989........	215,825	563,523	779,348	36,056	743,292
1990........	213,899	579,427	793,326	59,683	733,643
1991........	198,115	632,775	830,890	87,186	743,704
1992........	207,086	694,254	901,340	81,604	819,736
1993........	180,687	708,683	889,370	81,447	807,923
1994........	174,969	749,993	924,962	77,755	847,207
1995........	190,208	719,463	909,671	77,677	831,994

(1) Commercial landings were converted to heads-off weight by using these conversion factors: South Atlantic and Gulf, 0.629; and New England, Pacific and other, 0.57.

(2) Imports were converted to heads-off weight by using these conversion factors: breaded, 0.63; shell-on, 1.00; peeled raw, 1.28; canned, 2.52; and other, 2.40.

(3) Exports were converted to heads-off weight by using these conversion factors: domestic--fresh and frozen, 1.18; canned, 2.02; other, 2.40; foreign--fresh and frozen, 1.00; canned, 2.52; and other, 2.40.

U.S. SUPPLY OF CANNED SHRIMP, 1986-95
(Canned weight)

Year	U.S. pack	Imports	Total	Exports	Total supply
	Thousand pounds				
1986.............	4,596	15,757	20,353	2,077	18,276
1987.............	4,382	17,132	21,514	2,419	19,095
1988.............	4,476	14,138	18,614	2,187	16,427
1989.............	2,623	11,315	13,938	2,128	11,810
1990.............	710	9,735	10,445	2,670	7,775
1991.............	632	9,361	9,993	2,352	7,641
1992.............	640	9,273	9,913	1,931	7,982
1993.............	658	8,170	8,828	2,557	6,271
1994.............	463	6,314	6,777	1,841	4,936
1995.............	912	6,570	7,482	3,250	4,232

U.S. SUPPLY OF FISH MEAL AND SOLUBLES, 1986-95
(Product weight)

Year	U.S. production (1)	Imports (2)	Total	Exports	Total supply
	Thousand pounds				
1986	799,826	370,548	1,170,374	77,972	1,092,402
1987	911,622	393,730	1,305,352	104,086	1,201,266
1988	755,520	265,310	1,020,830	153,946	866,884
1989	734,736	171,112	905,848	107,350	798,498
1990	670,328	239,426	909,754	141,888	767,866
1991	697,520	158,916	856,436	206,320	650,116
1992	691,016	150,911	841,927	258,511	583,416
1993	814,196	760,664	1,574,860	212,859	1,362,001
1994	880,852	548,288	1,429,140	159,937	1,269,203
1995	711,996	139,101	851,097	176,981	674,116

(1) Includes shellfish meal production plus the production of U.S. solubles. (2) Data do not include imports of fish solubles.

Note:--Wet weight of solubles has been converted to dry weight by reducing its poundage by one-half.

U.S. SUPPLY OF FISH MEAL, 1986-95
(Product weight)

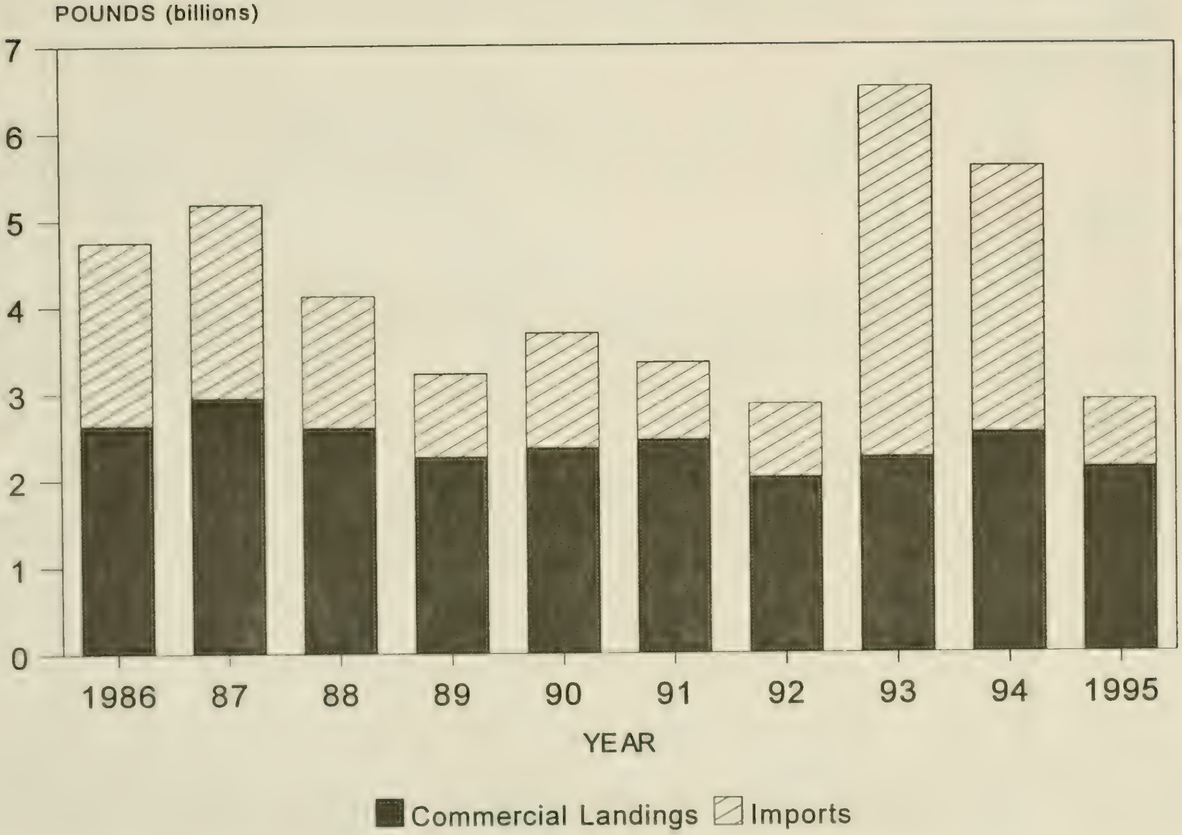
Year	U.S. production (1)	Imports	Total	Exports	Total supply
	Thousand pounds				
1986	702,194	370,548	1,072,742	77,972	994,770
1987	786,978	393,730	1,180,708	104,086	1,076,622
1988	643,796	265,310	909,106	153,946	755,160
1989	618,382	171,112	789,494	107,350	682,144
1990	577,498	239,426	816,924	141,888	675,036
1991	612,716	158,916	771,632	206,320	565,312
1992	644,512	150,911	795,423	258,511	536,912
1993	750,744	760,664	1,511,408	212,859	1,298,549
1994	807,833	548,288	1,356,121	159,937	1,196,184
1995	667,240	139,101	806,341	176,981	629,360

(1) Includes shellfish meal.

U.S. SUPPLY OF FISH OILS, 1986-95

Year	U.S. production	Imports	Total	Exports	Total supply
	Thousand pounds				
1986	336,708	19,212	355,920	192,218	163,702
1987	298,496	25,697	324,193	249,246	74,947
1988	224,733	27,667	252,400	150,002	102,398
1989	225,478	25,449	250,927	198,009	52,918
1990	281,949	36,702	318,651	236,589	82,062
1991	267,345	21,828	289,173	254,525	34,648
1992	184,725	23,772	208,497	177,444	31,053
1993	293,452	26,052	319,504	184,488	135,016
1994	291,189	40,642	331,831	242,788	89,043
1995	241,941	23,913	265,854	260,394	5,460

SUPPLY OF INDUSTRIAL FISHERY PRODUCTS
(ROUND WEIGHT)
1986 - 1995



PER CAPITA

U.S. CONSUMPTION

Annual per capita consumption of seafood products represents the pounds of edible meat consumed from domestically-caught and imported fish and shellfish adjusted for beginning and ending inventories, and exports, divided by the civilian population of the United States as of July 1 of each year.

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1909-95

Year	Civilian resident population July 1 (1)	Per capita consumption			
		Fresh and frozen (2)	Canned (3)	Cured (4)	Total
	Million persons	- - - - - - - - -Pounds, edible meat- - - - - - - -			
1909 (5).......	90.5	4.3	2.7	*4.0	11.0
1910...........	92.2	4.5	2.8	3.9	11.2
1911...........	93.9	4.8	2.8	3.7	11.3
1912...........	95.3	5.0	2.9	3.4	11.3
1913...........	97.2	5.3	2.9	3.3	11.5
1914...........	99.1	5.6	3.0	3.1	8.7
1915...........	100.5	5.8	2.4	3.0	11.2
1916...........	102.0	6.0	2.2	2.8	11.0
1917...........	103.3	6.2	2.0	2.7	10.9
1918...........	103.2	6.4	2.0	2.5	10.9
1919...........	104.5	6.4	2.8	2.4	11.6
1920...........	106.5	6.3	3.2	2.3	11.8
1921...........	108.5	6.2	2.2	2.1	10.5
1922...........	110.0	6.1	3.2	2.0	11.3
1923...........	111.9	6.0	2.9	1.8	10.7
1924...........	114.1	6.1	3.2	1.7	11.0
1925...........	115.8	6.3	3.2	1.6	11.1
1926...........	117.4	6.6	3.4	1.4	11.4
1927...........	119.0	7.0	3.9	1.3	12.2
1928...........	120.5	7.1	3.9	1.1	12.1
1929...........	121.8	6.9	3.9	1.1	11.9
1930...........	122.9	5.8	3.4	1.0	10.2
1931...........	123.9	4.9	3.2	0.7	8.8
1932...........	124.7	4.3	3.4	0.7	8.4
1933...........	125.4	4.2	3.9	0.6	8.7
1934...........	126.2	4.3	4.2	0.7	9.2
1935...........	127.1	5.1	4.7	0.7	10.5
1936...........	127.9	5.2	*5.8	0.7	11.7
1937...........	128.6	5.6	5.3	0.9	11.8
1938...........	129.6	5.2	4.8	0.8	10.8
1939...........	130.7	5.3	4.7	0.7	10.7
1940...........	132.1	5.7	4.6	0.7	11.0
1941...........	132.1	6.3	4.2	0.7	11.2
1942...........	131.4	5.2	2.9	0.6	8.7
1943...........	128.0	5.5	1.8	0.6	7.9
1944...........	127.2	5.5	2.6	0.6	8.7
1945...........	128.1	6.6	2.6	0.7	9.9
1946...........	138.9	5.9	4.2	0.7	10.8
1947...........	143.1	5.8	3.8	0.7	10.3
1948...........	145.7	6.0	4.4	0.7	11.1
1949...........	148.2	5.8	4.5	0.6	10.9
1950...........	150.8	6.3	4.9	0.6	11.8
1951...........	151.6	6.3	4.3	0.6	11.2
1952...........	153.9	6.2	4.3	0.7	11.2
1953...........	156.6	6.4	4.3	0.7	11.4
1954...........	159.7	6.2	4.3	0.7	11.2
1955...........	163.0	5.9	3.9	0.7	10.5
1956...........	166.1	5.7	4.0	0.7	10.4
1957...........	169.1	5.5	4.0	0.7	10.2
1958...........	172.2	5.7	4.3	0.6	10.6
1959...........	175.3	5.9	4.4	0.6	10.9

See notes at end of table.

(Continued)

U.S. CONSUMPTION

U.S. ANNUAL PER CAPITA CONSUMPTION OF COMMERCIAL FISH AND SHELLFISH, 1909-95 - Continued

Year	Civilian resident population July 1 (1)	Per capita consumption			
		Fresh and frozen (2)	Canned (3)	Cured (4)	Total
	Million persons	- - - - - - - -Pounds, edible meat- - - - - - - -			
1960	178.1	5.7	4.0	0.6	10.3
1961	181.1	5.9	4.3	0.5	10.7
1962	183.7	5.8	4.3	0.5	10.6
1963	186.5	5.8	4.4	0.5	10.7
1964	189.1	5.9	4.1	0.5	10.5
1965	191.6	6.0	4.3	0.5	10.8
1966	193.4	6.1	4.3	0.5	10.9
1967	195.3	5.8	4.3	0.5	10.6
1968	197.1	6.2	4.3	0.5	11.0
1969	199.1	6.6	4.2	0.4	11.2
1970	201.9	6.9	4.5	0.4	11.8
1971	204.9	6.7	4.3	0.5	11.5
1972	207.5	7.1	4.9	0.5	12.5
1973	209.6	7.4	5.0	0.4	12.8
1974	211.6	6.9	4.7	0.5	12.1
1975	213.8	7.5	4.3	0.4	12.2
1976	215.9	8.2	4.2	0.5	12.9
1977	218.1	7.7	4.6	0.4	12.7
1978	220.5	8.1	5.0	0.3	13.4
1979	223.0	7.8	4.8	0.4	13.0
1980	225.6	7.9	4.3	0.3	12.5
1981	227.8	7.8	4.6	0.3	12.7
1982	230.0	7.9	4.3	0.3	12.5
1983	232.1	8.4	4.7	0.3	13.4
1984	234.1	9.0	4.9	0.3	14.2
1985	236.2	9.8	5.0	0.3	15.1
1986	238.4	9.8	5.4	0.3	15.5
1987	240.6	*10.7	5.2	0.3	*16.2
1988	242.8	10.0	4.9	0.3	15.2
1989	245.1	10.2	5.1	0.3	15.6
1990	247.8	9.6	5.1	0.3	15.0
1991	250.5	9.7	4.9	0.3	14.9
1992	253.5	9.9	4.6	0.3	14.8
1993	256.4	10.2	4.5	0.3	15.0
1994	259.2	10.4	4.5	0.3	15.2
1995	261.4	10.0	4.7	0.3	15.0

(1) Resident population for 1909 to 1929 and civilian resident population for 1930 to date. Population estimates for the years 1980 to 1991 are revised to reflect changes between the 1980 and 1990 decennial population enumeration. Changes did not significantly alter pounds consumed per capita.

(2) Fresh and frozen fish consumption from 1910 to 1928 is estimated. Beginning in 1973, data include consumption of artificially cultivated catfish. Domestic landings used in calculating consumption are preliminary after 1977.

(3) Canned fish consumption for 1911 to 1920 is estimated. Beginning in 1921, it is based on production reports, packer stocks, and foreign trade statistics for individual years.

(4) Cured fish consumption for 1910 to 1928 is estimated.

(5) Data for 1909 estimate based on the 1908 census and foreign trade data.

*Record.

U.S. CONSUMPTION

U.S. ANNUAL PER CAPITA CONSUMPTION OF CANNED FISHERY PRODUCTS, 1975-95

Year	Salmon	Sardines	Tuna	Shellfish	Other	Total
	------Pounds------					
1975...	0.3	0.2	2.9	0.5	0.4	4.3
1976...	0.3	0.3	2.8	0.4	0.4	4.2
1977...	0.5	0.3	2.8	0.6	0.4	4.6
1978...	0.6	0.3	3.3	0.5	0.3	5.0
1979...	0.5	0.3	3.2	0.5	0.3	4.8
1980...	0.5	0.3	3.0	0.4	0.1	4.3
1981...	0.5	0.4	3.0	0.4	0.3	4.6
1982...	0.5	0.3	2.8	0.4	0.3	4.3
1983...	0.5	0.2	3.2	0.4	0.4	4.7
1984...	0.6	0.2	3.2	0.4	0.5	4.9
1985...	0.5	0.3	3.3	0.5	0.4	5.0
1986...	0.5	0.3	3.6	0.5	0.5	5.4
1987...	0.4	0.3	3.5	0.5	0.5	5.2
1988...	0.3	0.3	3.6	0.4	0.3	4.9
1989...	0.3	0.3	3.9	0.4	0.2	5.1
1990...	0.4	0.3	3.7	0.3	0.4	5.1
1991...	0.5	0.2	3.6	0.4	0.2	4.9
1992...	0.5	0.2	3.5	0.3	0.1	4.6
1993...	0.4	0.2	3.5	0.3	0.1	4.5
1994...	0.4	0.2	3.3	0.3	0.3	4.5
1995...	0.5	0.2	3.4	0.3	0.3	4.7

NOTE:--Domestic landings data used in calculating these data are preliminary after 1977.

U.S. ANNUAL PER CAPITA CONSUMPTION OF CERTAIN FISHERY ITEMS, 1975-95

Year	Fillets and steaks (1)	Sticks and portions	Shrimp. all preparation
	------Pounds (2)------		
1975 ..	2.4	1.8	1.4
1976...	2.5	2.0	1.5
1977...	2.5	2.0	1.6
1978...	2.7	2.2	1.5
1979...	2.7	*2.2	1.3
1980...	2.4	2.0	1.4
1981...	2.4	1.8	1.5
1982...	2.5	1.7	1.5
1983...	2.7	1.8	1.7
1984...	3.0	1.8	1.9
1985...	3.2	1.8	2.0
1986...	3.4	1.8	2.2
1987...	*3.6	1.7	2.4
1988...	3.2	1.5	2.4
1989...	3.1	1.5	2.3
1990...	3.1	1.5	2.2
1991...	3.0	1.2	2.4
1992...	2.9	0.9	2.5
1993...	2.9	1.0	2.5
1994...	3.1	0.9	*2.6
1995...	2.9	1.2	2.5

(1) Data include groundfish and other species. Data do not include blocks, but fillets could be made into blocks from which sticks and portions could be produced.
(2) Product weight of fillets and steaks and sticks and portions, edible (meat) weight of shrimp.
*Record.

Note:--Domestic landings data used in calculating these data are preliminary after 1977.

PER CAPITA

U.S. USE

Per capita use of commercial fish and shellfish is based on the supply of fishery products, both edible and nonedible (industrial), on a round weight equivalent basis, without considering beginning or ending stocks, defense purchases, or exports.

Per capita use figures are not comparable with per capita consumption data. Per capita consumption figures represent edible (for human use) meat weight consumption rather than round weight consumption. In addition, per capita consumption includes allowances for beginning and ending stocks and exports, whereas the use does not include such allowances.

Per capita use is derived by using total population including U.S. Armed Forces overseas. The per capita consumption is derived by using civilian resident population.

U.S ANNUAL PER CAPITA USE OF COMMERCIAL FISH AND SHELLFISH, 1959-95 (1)

Year	Total population including armed forces overseas July 1	U.S. supply	Commercial landings	Imports	Total
	Million persons	Million pounds		Pounds	
1960	180.7	8,223	27.3	18.2	45.5
1961	183.7	9,570	28.2	23.9	52.1
1962	186.5	10,408	28.7	27.1	55.8
1963	189.2	11,434	25.6	34.8	60.4
1964	191.9	12,031	23.7	39.0	62.7
1965	194.3	10,535	24.6	29.6	54.2
1966	196.6	12,469	22.2	41.2	63.4
1967	198.7	13,991	20.4	50.0	70.4
1968	200.7	17,381	20.7	65.9	86.6
1969	202.7	11,847	21.4	37.0	58.4
1970	205.1	11,474	24.0	31.9	55.9
1971	207.7	11,804	24.1	32.7	56.8
1972	209.9	13,849	22.9	43.1	66.0
1973	211.9	10,378	22.9	26.1	49.0
1974	213.9	9,875	23.2	23.0	46.2
1975	216.0	10,164	22.6	24.5	47.1
1976	218.0	11,593	24.7	28.5	53.2
1977	220.2	10,652	23.9	24.4	48.3
1978	222.6	11,509	27.1	24.6	51.7
1979	225.1	11,831	27.9	24.7	52.6
1980	227.7	11,357	28.5	21.4	49.9
1981	230.0	11,353	26.0	23.4	49.4
1982	232.2	12,011	27.4	24.3	51.7
1983	234.3	12,352	27.5	25.2	52.7
1984	236.3	12,552	27.3	25.8	53.1
1985	238.5	15,150	26.2	37.3	63.5
1986	240.7	14,368	25.1	34.6	59.7
1987	242.8	15,744	28.4	36.4	64.8
1988	245.0	14,628	29.3	30.4	59.7
1989	247.3	15,485	34.2	28.4	62.6
1990	249.9	16,349	37.6	27.8	65.4
1991	252.7	16,363	37.5	27.3	64.8
1992	255.5	16,106	37.7	25.3	63.0
1993	258.2	20,334	40.6	38.2	78.8
1994	260.7	19,309	40.1	34.0	74.1
1995	263.0	16,600	37.6	25.5	63.1

(1) Data include U.S. commercial landings and imports of both edible and nonedible (industrial) fishery products on a round weight basis. "Total supply" is not adjusted for beginning and ending stocks, defense purchases, or exports.

WORLD CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1991-93 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
North America:		
Canada	23.0	50.7
Greenland	82.3	181.4
St. Pierre and Miquelon	57.4	126.5
United States	21.8	48.1
Caribbean:		
Anguilla	48.1	106.0
Antigua	63.1	139.1
Aruba	30.9	68.1
Bahamas	24.9	54.9
Barbados	25.8	56.9
Bermuda	36.5	80.5
British Virgin Islands	79.5	175.3
Cayman Islands	32.1	70.8
Cuba	11.8	26.0
Dominica	25.3	55.8
Dominican Republic	8.2	18.1
Grenada	39.0	86.0
Guadeloupe	42.2	93.0
Haiti	2.6	5.7
Jamaica	15.9	35.1
Martinique	50.8	112.0
Montserrat	9.9	21.8
Netherland Antilles	20.3	44.8
St. Christopher-Nevis	50.8	112.0
Saint Lucia	20.9	46.1
St. Vincent	17.2	37.9
Trinidad-Tobago	11.5	25.4
Turks & Caicos	40.2	88.6
Latin America:		
Argentina	7.4	16.3
Belize	7.2	15.9
Bolivia	1.1	2.4
Brazil	5.7	12.6
Chile	29.8	65.7
Colombia	3.1	6.8
Costa Rica	5.1	11.2
Ecuador	7.2	15.9
El Salvador	2.4	5.3
French Guiana	35.8	78.9
Guatemala	0.8	1.8
Guyana	43.7	96.3
Honduras	1.1	2.4
Mexico	11.7	25.8
Nicaragua	1.3	2.9
Panama	16.0	35.3
Paraguay	3.7	8.2
Peru	18.5	40.8
Suriname	20.6	45.4
Uruguay	6.3	13.9
Venezuela	14.9	32.8
Europe:		
Albania	0.7	1.5
Armenia	1.3	2.9
Austria	9.8	21.6
Azerbaijan	5.2	11.5
Europe - Continued:		
Belarus	1.4	3.1
Belgium and Luxembourg	18.6	41.0
Bosnia-Hercegovina	0.7	1.5
Bulgaria	2.6	5.7
Croatia	1.2	2.6
Czech Republic	1.6	3.5
Denmark	20.5	45.2
Estonia	43.6	96.1
Faeroe Island	86.4	190.5
Finland	32.5	71.6
France	29.0	63.9
Georgia	8.4	18.5
Germany	12.5	27.6
Greece	22.5	49.6
Hungary	4.0	8.8
Iceland	91.8	202.4
Ireland	15.1	33.3
Italy	22.1	48.7
Kazakhstan	4.1	9.0
Kyrgyzstan	0.2	0.4
Latvia	34.9	76.9
Lithuania	33.0	72.8
Macedonia	2.1	4.6
Malta	23.8	52.5
Moldova	1.1	2.4
Monaco	0.1	0.2
Netherlands	11.4	25.1
Norway	45.9	101.2
Poland	9.9	21.8
Portugal	58.6	129.2
Romania	2.9	6.4
Russian Federation	18.9	41.7
Slovakia	0.2	0.4
Slovenia	2.5	5.5
Spain	38.0	83.8
Sweden	26.8	59.1
Switzerland	13.4	29.5
Tajikistan	0.7	1.5
Turkmenistan	10.1	22.3
Ukraine	8.7	19.2
United Kingdom	18.5	40.8
Uzbekistan	1.2	2.6
Yugoslavia	1.2	2.6
Near East:		
Afghanistan	0.1	0.2
Bahrain	17.8	39.2
Cyprus	17.2	37.9
Egypt	7.2	15.9
Iran	5.3	11.7
Iraq	1.1	2.4
Israel	20.9	46.1
Jordan	3.0	6.6
Kuwait	7.7	17.0
Lebanon	0.7	1.5
Libya	4.0	8.8
Oman	23.3	51.4
Qatar	19.9	43.9
Saudi Arabia	5.9	13.0
Sudan	1.4	3.1
Syria	0.5	1.1
Turkey	6.7	14.8
United Arab Emirates	24.8	54.7
Yemen Republic	6.7	14.8

See note at end of table.

(Continued on next page)

WORLD CONSUMPTION

ANNUAL PER CAPITA CONSUMPTION OF FISH AND SHELLFISH FOR HUMAN FOOD, BY REGION AND COUNTRY, 1991-93 AVERAGE

Region and Country	Estimated live weight equivalent	
	Kilograms	Pounds
Far East:		
Bangladesh	8.2	18.1
Brunei	21.8	48.1
Burma	15.6	34.4
Cambodia	12.0	26.5
China	12.4	27.3
Hong Kong	58.8	129.6
India	4.0	8.8
Indonesia	15.6	34.4
Japan	67.0	147.7
Laos	6.7	14.8
Macao	39.4	86.9
Maldives	125.8	277.3
Malaysia	29.5	60.6
Mongolia	0.8	1.8
Nepal	0.8	1.8
North Korea	43.2	95.2
Pakistan	2.1	4.6
Philippines	36.1	79.6
Singapore	36.8	81.1
South Korea	47.7	105.2
Sri Lanka	16.2	35.7
Taiwan	37.0	81.6
Thailand	25.4	56.0
Vietnam	13.4	29.5
Africa:		
Algeria	3.4	7.5
Angola	11.8	26.0
Benin	10.8	23.8
Botswana	8.0	17.6
Burkina	1.4	3.1
Burundi	3.8	8.4
Cameroon	8.8	19.4
Cape Verde	18.1	39.9
Central African Rep.	4.6	10.1
Chad	5.8	12.8
Comoros	14.7	32.4
Congo	32.6	71.9
Djibouti	1.6	3.5
Equatorial Guinea	22.9	50.5
Eritrea	0.1	0.2
Ethiopia	0.1	0.2
Gabon	30.3	66.8
Gambia	20.2	44.5
Ghana	24.7	54.5
Guinea	7.7	17.0
Guinea-Bissau	4.7	10.4
Ivory Coast	13.7	30.2
Kenya	5.9	13.0
Lesotho	0.1	0.2
Liberia	4.9	10.8
Africa - Continued:		
Madagascar	7.3	16.1
Malawi	6.4	14.1
Mali	7.0	15.4
Mauritania	17.4	38.4
Mauritius	26.0	57.3
Morocco	7.9	17.4
Mozambique	2.3	5.1
Namibia	10.8	23.8
Niger	0.4	0.9
Nigeria	8.3	18.3
Reunion	24.7	54.5
Rwanda	0.7	1.5
Sao Tome	20.9	46.1
Senegal	27.0	59.5
Seychelles	71.4	157.4
Sierra Leone	14.7	32.4
Somalia	1.3	2.9
South Africa	4.9	10.8
St. Helena	55.3	121.9
Swaziland	0.1	0.2
Tanzania	12.2	26.9
Togo	11.0	24.3
Tunisia	8.8	19.4
Uganda	11.8	26.0
Zaire	5.8	12.8
Zambia	7.9	17.4
Zimbabwe	2.2	4.9
Oceania:		
Australia	18.7	41.2
Fiji	36.5	80.5
French Polynesia	34.2	75.4
Kiribati	73.9	162.9
Marshall	4.7	10.4
Micronesia	18.7	41.2
Nauru	33.9	74.7
Niue	61.7	136.0
New Caledonia	20.9	46.1
New Zealand	17.7	39.0
Palau	93.4	205.9
Papua New Guinea	21.9	48.3
Solomon Islands	32.2	71.0
Tokelau	103.7	228.6
Tonga	24.0	52.9
Tuvalu	55.8	123.0
Vanuatu	29.0	63.9
Wallis & Futuna	8.6	19.0
Western Samoa	40.9	90.2
World	13.0	28.7

Note:--Data for most countries are tentative. Aquatic plants are included where applicable.

Source:--Food and Agriculture Organization of the United Nations (FAO) Yearbook of Fishery Statistics, 1994, vol. 78, Rome.

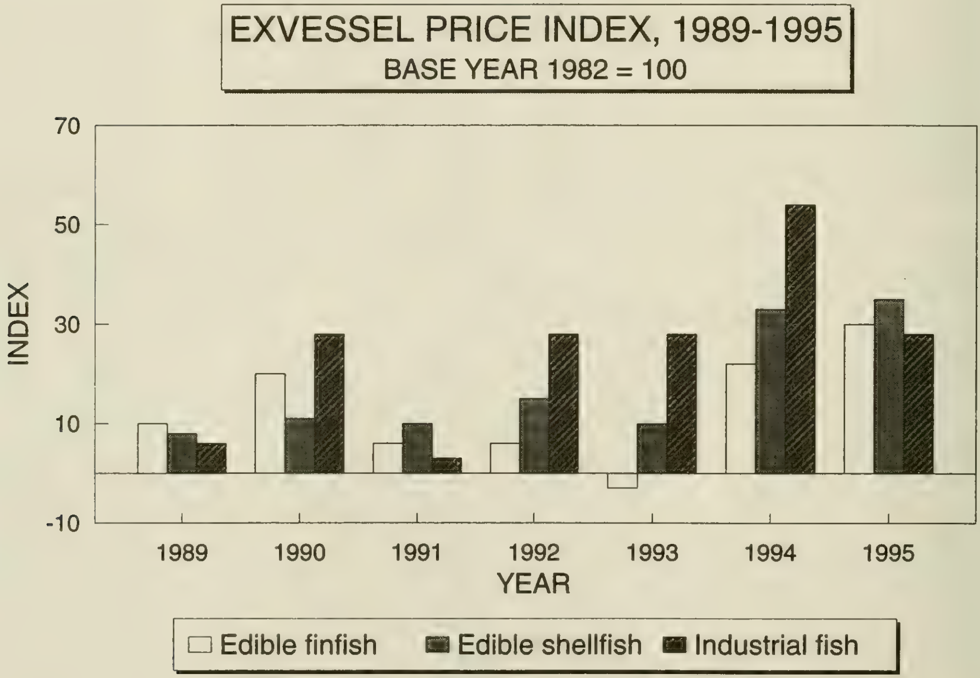
PRICES

The Exvessel Price table is an index of changes in the relative dockside value of fish and shellfish sold by fishing vessels. The table indexes the average annual exvessel value (price per pound) received for each species or group to the average price per pound received for the same species or group in the base year 1982.

The exvessel price for each year was obtained by dividing total value for each species or group by its total quantity as reported in the U. S. commercial landings tables on pages 1 and 2. The index for each species or group was obtained by multiplying the current anual price by the total quantity caught in 1882 (the base year). That number was then divided by the 1982 value to obtain the final index:

$$\frac{\text{(100 x Current price X 1982 quantity)}}{\text{1982 Annual Value}} = \text{Index}$$

Each index number measures price changes from the 1982 reference period when the index equaled 100. A species of fish that sold for $0.75 a pound in 1986 and a $1.00 a pound in 1982 would have an index of 75 in 1986. In 1995, if the price of the same species increased to $1.07, the index in 1995 would be 107.



INDEXES OF EXVESSEL PRICES FOR FISH AND SHELLFISH, BY YEARS, 1989-95
(1982=100)

Species	1989 (1)	1990 (1)	1991 (1)	1992 (1)	1993	1994	1995
Groundfish, et al:							
Cod	73	79	106	105	105	92	77
Haddock	239	220	227	219	277	287	277
Pollock:							
Atlantic	191	223	255	297	299	365	412
Alaska	134	151	149	194	194	212	161
Flounders	66	112	97	60	61	80	96
Total groundfish, et al.	*96*	*121*	*122*	*108*	*115*	*125*	*125*
Halibut	131	159	175	91	115	171	173
Sea herring	74	97	86	86	63	86	126
Salmon:. .							
Chinook	85	101	101	112	81	76	78
Chum	98	109	73	112	95	58	66
Pink	159	138	57	69	59	73	67
Sockeye	142	140	88	136	80	101	100
Coho	77	105	72	84	74	76	54
Total salmon	*120*	*125*	*82*	*113*	*78*	*85*	*82*
Swordfish	119	108	102	111	92	107	104
Tuna:							
Albacore	126	127	114	147	132	125	120
Bluefin	612	572	1,158	477	766	666	954
Skipjack	86	85	83	72	85	127	83
Yellowfin	101	112	116	96	112	205	283
Total tuna	*108*	*112*	*126*	*97*	*117*	*181*	*212*
Total edible finfish	*110*	*120*	*106*	*106*	*97*	*122*	*130*
Clams:							
Hard	145	127	142	135	113	105	113
Ocean quahog	103	111	124	124	128	129	136
Soft	159	213	192	222	233	248	250
Surf	88	86	84	83	88	118	118
Total clams	*127*	*127*	*132*	*133*	*126*	*133*	*138*
Crabs:							
Blue	155	152	131	183	201	260	264
Dungeness	118	162	159	124	95	145	176
King	135	145	99	139	127	146	104
Snow	92	83	53	60	78	144	237
Total crabs	*125*	*131*	*99*	*124*	*123*	*166*	*182*
American lobster	122	110	113	125	117	128	141
Oysters	198	228	219	225	183	175	179
Scallops:							
Bay	158	149	157	150	161	49	55
Calico	88	110	(2)	(2)	(2)	94	124
Sea	107	105	110	132	159	138	[illegible]
Total scallops	*109*	*109*	*135*	*118*	*141*	*126*	*131*
Shrimp:							
Gulf and South Atlantic	79	79	87	86	80	110	99
Other	92	113	130	113	128	142	174
Total shrimp	*80*	*81*	*89*	*88*	*82*	*111*	*103*
Total edible shellfish	*108*	*111*	*110*	*115*	*110*	*138*	*135*
Total edible fish and shellfish	*109*	*115*	*108*	*111*	*104*	*131*	*133*
Industrial fish, Menhaden	106	128	[illegible]	129	128	154	124
All fish and shellfish	*109*	*116*	*108*	*112*	*105*	*132*	*132*

(1) Revised.

(2) Confidential data.

SUMMARY OF 1995 VALUE ADDED, MARGINS, AND CONSUMER EXPENDITURES FOR COMMERCIAL MARINE FISHERY PRODUCTS IN THE UNITED STATES (1)

Sector or type of activity	Purchase of fishery inputs	Mark-up of fishery inputs	Total mark-up within sector	Value added as percent of total mark-up	Value added within sector	Value of sales by sector	Value added contribution	Offshore fleet & exported fishery products
	Thousand Dollars	Percentage of Fishery Inputs	Thousand Dollars	Percentage	Thousand Dollars	Thousand Dollars	Percentage of GNP Contribution	Thousand Dollars
Domestic Harvest:								
Edible............	-	100.0	$3,713,238	63.0	$2,338,075	$3,713,238	11.9	
Industrial........	-	100.0	$99,131	61.5	$60,946	$99,131	0.3	
Harvest not landed in U.S....	-	100.0	$134,216	70.3	$94,353	$134,216	0.5	$134,216
Imports, Unprocessed	$3,022,976	-	-	-	-	$3,022,976	-	
Exports, Unprocessed	-	-	-	-	-	-	-	$1,254,633
Primary Wholesale and Processing.....	$5,580,712	78.3	$4,184,075	51.8	$2,167,892	$9,764,787	11.0	
Imports, Processed..	$3,904,883	-	-	-	-	$3,904,883	-	
Exports, Processed..	-	-	-	-	-	-	-	$1,995,700
Secondary Wholesale and Processing:								
Edible............	$11,469,211	58.3	$6,691,206	29.1	$1,944,254	$18,160,417	9.9	
Industrial........	$204,759	58.3	$119,457	29.1	$34,711	$324,216	0.2	
Retail Trade from Food Service.......	$9,268,685	182.7	$16,936,248	67.0	$11,338,875	$26,204,933	57.6	
Retail Trade from Stores........	$8,891,732	35.3	$3,142,010	54.4	$1,708,791	$12,033,742	8.7	
TOTAL U.S. VALUE ADDED ACTIVITY:					$19,687,898		100.0	
CONSUMERS EXPENDITURES (& WHOLESALE PURCHASES OF INDUSTRIAL PRODUCTS) FOR FISHERY PRODUCTS:						*$38,562,892*		

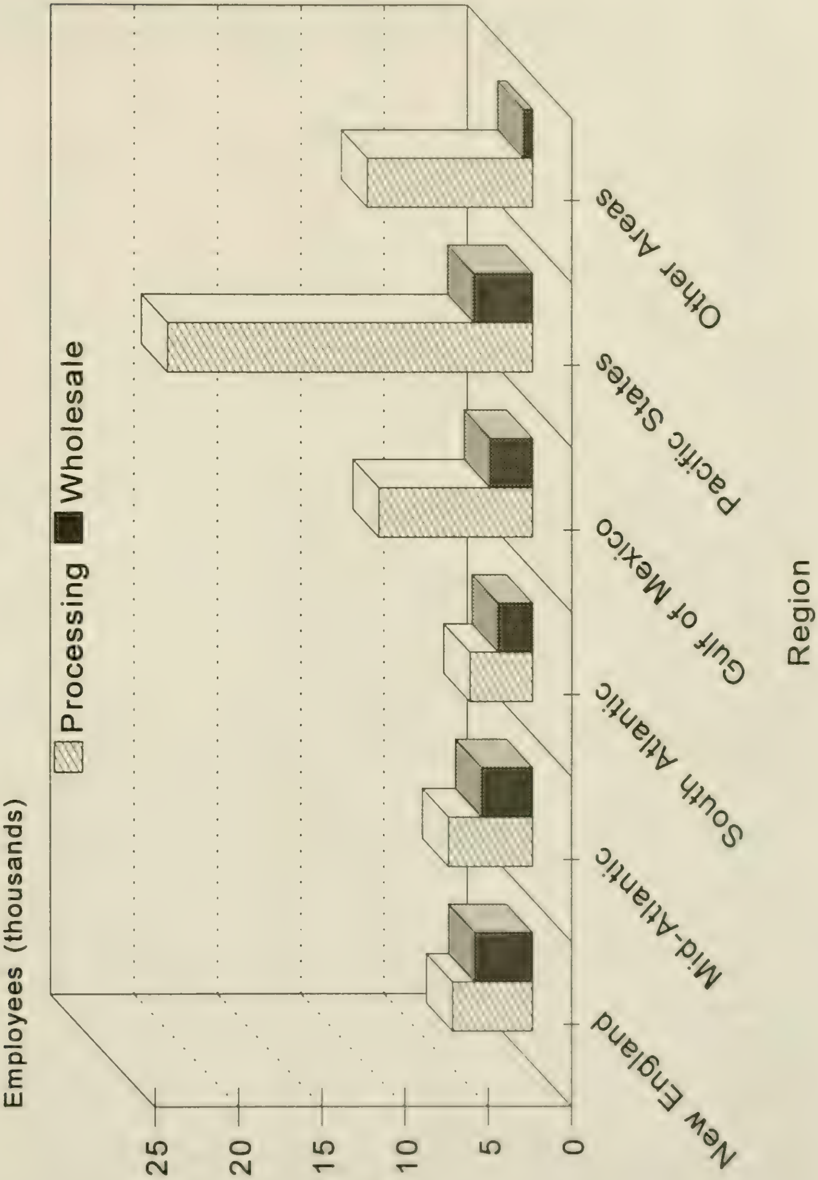
(1) Includes industrial products and landings by U.S.-flag vessels at U.S. ports, foreign ports, and transfers to internal water processing vessels.

Note.-- The table reports the contribution of commercial marine fishing to the national economy as measured by margin, value added, and sales. These measures are consistent with the Bureau of the Census definitions.

Margin or mark-up is the difference between the price paid for the product by the consumer or wholesale purchaser and the dockside or wholesale value for an equivalent weight of the product. (It is assumed that fishermen catch their fish without paying purchase price and therefore the entire dockside or exvessel price is considered margin.) Value added is a measure of the factors added to the total worth of a product at each stage of the production process. It is defined as the gross receipts of firms minus the cost of purchased goods and services needed to fabricate the product. Gross National Products (GNP) is equal to the sum of the value added of all economic entities in the economy. Value added within a sector represents that sector's contribution to GNP.

Value added includes wages, salaries, interest, depreciation, rent, taxes and profit. Consumer expenditures are the final retail value of seafood products sold through stores and food service outlets plus secondary wholesale and processing of industrial products.

EMPLOYMENT BY REGION, 1994



ESTIMATED NUMBER OF COMMERCIAL FISHING VESSELS (1) AND FISHING BOATS (2) BY REGION AND STATE, 1993 - 1994

REGIONS	1993			1994		
	VESSELS	BOATS	TOTAL	VESSELS	BOATS	TOTAL
Northeast Fisheries:						
Connecticut	128	472	600	133	470	603
Delaware	24	361	385	29	423	452
Maine	1,822	5,409	7,231	1,818	5,477	7,295
Maryland (3)	75	-	75	36	-	36
Massachusetts	832	4,529	5,361	820	4,500	5,320
New Hampshire	144	410	554	139	396	535
New Jersey	391	1,429	1,820	397	1,382	1,779
New York	693	2,983	3,676	696	2,905	3,601
Rhode Island	276	2,895	3,171	280	2,888	3,168
Virginia (3)	198	-	198	133	-	133
South Atlantic and Gulf Fisheries:						
North Carolina	884	9,242	10,126	850	9,200	10,050
South Carolina	356	949	1,305	350	950	1,300
Georgia	319	571	890	312	652	964
Florida	2,248	9,464	11,712	2,340	8,439	10,779
Alabama	411	676	1,087	426	644	1,070
Mississippi	531	976	1,507	535	934	1,469
Louisiana	2,820	13,737	16,557	2,846	12,954	15,800
Texas	2,553	2,759	5,312	2,200	2,378	4,578
West Coast Fisheries:						
Washington	2,621	2,026	4,647	2,458	1,597	4,055
Oregon	1,505	1,172	2,677	1,369	1,067	2,436
Alaska	7,260	8,999	16,259	7,264	9,013	16,277
California	6,674	NA	6,674	6,250	NA	6,250
Hawaii	2,680	NA	2,680	3,070	NA	3,070
Great Lakes Fisheries: (4)						
Illinois	5	-	5	5	-	5
Indiana	16	-	16	NA	NA	NA
Michigan	61	75	136	61	74	135
Minnesota	2	29	31	2	27	29
New York	4	15	19	3	15	18
Ohio	28	28	56	25	25	50
Pennsylvania	4	2	6	5	2	7
Wisconsin	88	37	125	91	47	138

(1) Vessels are documented craft greater than 5 net registered tons.

(2) Boats are craft less than 5 net registered tons.

(3) Only Federal collected data are available. Inshore data not available.

(4) Commercial fishing fleet sizes for the Great Lakes states represent only the number of licenses issued by the state; therefore, may not be an accurate total. Tribal data are not included in this table.

NA -- Data not available.

PROCESSORS AND WHOLESALERS: PLANTS, AND EMPLOYMENT, 1994

State and Area	Processing			Wholesale			Total		
	Plants	Employment average		Plants	Employment average		Plants	Employment average	
		Season	Year		Season	Year		Season	Year
	Number								
New England:									
Maine.............	67	1,671	1,653	292	1,251	1,139	359	2,922	2,792
New Hampshire.....	11	352	352	12	78	77	23	430	429
Massachusetts.....	98	2,191	2,156	213	1,493	1,471	311	3,684	3,627
Rhode Island......	25	556	556	69	539	510	94	1,095	1,066
Connecticut.......	5	77	77	28	274	274	33	351	351
Total.........	*206*	*4,847*	*4,794*	*614*	*3,635*	*3,471*	*820*	*8,482*	*8,265*
Mid-Atlantic:									
New York..........	22	210	210	145	1,153	1,135	167	1,363	1,345
New Jersey........	16	631	621	58	486	481	74	1,117	1,102
Pennsylvania......	7	1,061	1,059	14	324	288	21	1,385	1,347
Delaware..........	(1)	(1)	(1)	9	364	364	9	364	364
District of Columbia.........	-	-	-	3	32	32	3	32	32
Maryland..........	43	1,362	1,270	42	429	406	85	1,791	1,676
Virginia..........	56	1,933	1,876	46	374	350	102	2,307	2,226
Total.........	*144*	*5,197*	*5,036*	*317*	*3,162*	*3,056*	*461*	*8,359*	*8,092*
South Atlantic:									
North Carolina....	79	1,669	1,479	140	536	509	219	2,205	1,988
South Carolina....	9	80	80	117	400	377	126	480	457
Georgia...........	11	1,135	1,135	50	156	155	61	1,291	1,290
Florida, East Coast............	33	1,066	1,066	145	1,035	1,028	178	2,101	2,094
Total.........	*132*	*3,950*	*3,760*	*452*	*2,127*	*2,069*	*584*	*6,077*	*5,829*
Gulf:									
Florida, West Coast............	111	2,055	1,982	162	673	667	273	2,728	2,649
Alabama...........	92	1,644	1,590	19	91	87	111	1,735	1,677
Mississippi.......	29	913	898	23	103	98	52	1,016	996
Louisiana.........	168	4,055	3,451	385	1,208	1,066	553	5,263	4,517
Texas.............	26	1,316	1,290	121	654	629	147	1,970	1,919
Total.........	*426*	*9,983*	*9,211*	*710*	*2,729*	*2,547*	*1,136*	*12,712*	*11,758*
Pacific:									
Alaska............	191	10,564	10,564	130	214	214	321	10,778	10,778
Washington........	115	4,915	3,691	122	495	473	237	5,410	4,164
Oregon............	47	1,416	1,412	40	102	92	87	1,518	1,504
California........	161	6,239	6,229	356	2,759	2,753	517	8,998	8,982
Total.........	*514*	*23,134*	*21,896*	*648*	*3,570*	*3,532*	*1,162*	*26,704*	*25,428*
Inland States (2), Total.........	*49*	*1,126*	*1,126*	*35*	*288*	*287*	*84*	*1,414*	*1,413*
Other Areas or States: (3), Total.	*33*	*9,921*	*9,921*	*69*	*542*	*542*	*102*	*10,463*	*10,463*
Grand Total.....	*1,504*	*58,158*	*55,744*	*2,845*	*16,053*	*15,504*	*4,349*	*74,211*	*71,248*

(1) Included with wholesale. (2) Data covers, Arizona, Colorado, Idaho, Illinois, Indiana, Iowa, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, Ohio, Oklahoma, South Dakota, Tennessee, and Wisconsin.
(3) Include American Samoa, Hawaii, Puerto Rico, and Northern Marianas.

FISHERY PRODUCTS AND ESTABLISHMENTS INSPECTED IN CALENDAR YEAR, 1995

Region	Edible fishery products						
	Establishment (1)		Amount inspected				
	SIFE (2)	In-Plant (3)	Grade A (4)	PUFI (4)	No Mark (5)	Lot (6)	Total
	-Average number-		------------------Thousand pounds-------------------				
Northeast.....	1	90	32,228	168,352	46,769	112,840	360,190
Southeast.....	0	136	19,055	86,745	53,837	124,079	283,716
West..........	12	86	24,480	109,914	87,822	146,761	368,978
Total, 1995.	*12*	*312*	*75,764*	*365,011*	*188,428*	*383,680*	*1,012,884*
Total, 1994.	*11*	*277*	*78,922*	*323,584*	*100,556*	*448,734*	*961,796*

(1) These establishments are inspected under contract and certified as meeting U.S. Department of Commerce (USDC) regulations for construction and maintenance of facilities and equipment processing techniques, and employment practices.

(2) Fish processing establishments approved for sanitation under the Sanitary Inspected Fish Establishment service (SIFE). Products are not processed under inspection.

(3) Sanitarily inspected fish establishments processing fishery products under USDC inspection. As of December 1995, 80 of these establishments were in the Hazard Analysis Critical Control Point (HACCP) Program.

(4) Products processed under USDC inspection in inspected establishments and labeled with USCD inspection mark as "Packed Under Federal Inspection" (PUFI) and/or "U.S. Grade A."

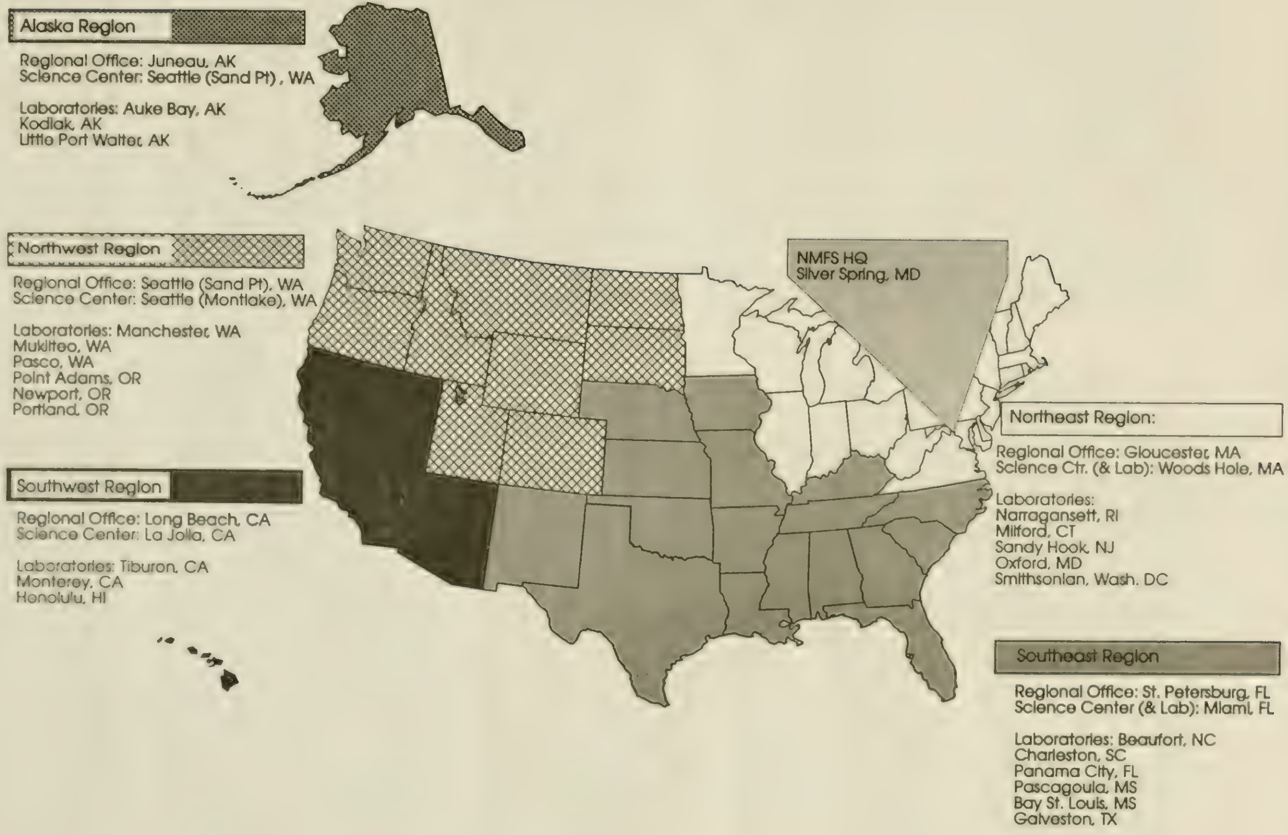
(5) Products processed under inspection in inspected establishments but bearing no USDC inspection mark.

(6) Lot inspected and marked products checked for quality and condition at the time of examination and located in processing plants, warehouses, cold storage facilities, or terminal markets anywhere in the United States.

Note:--Table may not add due to rounding.

Source:--NMFS, Office of Trade and Industry Services, F/TS4.

National Marine Fisheries Service Principal Facilities



Alaska Region

Regional Office: Juneau, AK
Science Center: Seattle (Sand Pt), WA

Laboratories: Auke Bay, AK
Kodiak, AK
Little Port Walter, AK

Northwest Region

Regional Office: Seattle (Sand Pt), WA
Science Center: Seattle (Montlake), WA

Laboratories: Manchester, WA
Mukilteo, WA
Pasco, WA
Point Adams, OR
Newport, OR
Portland, OR

Southwest Region

Regional Office: Long Beach, CA
Science Center: La Jolla, CA

Laboratories: Tiburon, CA
Monterey, CA
Honolulu, HI

Northeast Region:

Regional Office: Gloucester, MA
Science Ctr. (& Lab): Woods Hole, MA

Laboratories:
Narragansett, RI
Milford, CT
Sandy Hook, NJ
Oxford, MD
Smithsonian, Wash. DC

Southeast Region

Regional Office: St. Petersburg, FL
Science Center (& Lab): Miami, FL

Laboratories: Beaufort, NC
Charleston, SC
Panama City, FL
Pascagoula, MS
Bay St. Louis, MS
Galveston, TX

THE MAGNUSON FISHERY CONSERVATION AND MANAGEMENT ACT

The Magnuson Fishery Conservation and Management Act, Public Law 94-265 as amended (Magnuson Act), provides for the conservation and management of all fishery resources within the U.S. Exclusive Economic Zone (EEZ). It also provides for fishery management authority over continental shelf resources and anadromous species beyond the EEZ, except when they are found within a foreign nation's territorial sea or fishery conservation zone (or equivalent), to the extent that such sea or zone is recognized by the United States.

The EEZ extends from the seaward boundary of each of the coastal States (generally 3 nautical miles from shore for all but two States) to 200 nautical miles from shore. The seaward boundaries of Texas, Puerto Rico, and the Gulf coast of Florida are 3 marine leagues (9 nautical miles).

GOVERNING INTERNATIONAL FISHERY AGREEMENTS

Under the Magnuson Act, the Secretary of State, in cooperation with the Secretary of Commerce negotiates Governing International Fishery Agreements (GIFAs) with foreign nations wishing to fish within the EEZ. After a GIFA is signed, it is transmitted by the President to the Congress for ratification.

FOREIGN FISHING PERMITS

Title II of the Magnuson Act governs foreign fishing in the exclusive economic zone. The process applied to foreign fishing has been described in prior issues of this publication. As U.S. fishing capacity grew, foreign participation in directed fisheries, as well as in foreign joint ventures in which U.S. vessels delivered U.S. harvested fish to permitted foreign vessels, in the EEZ diminished until, in 1991, foreign vessels no longer were permitted to conduct any harvesting or processing operations in the EEZ. This marked the achievement of one of the objectives of the Magnuson Act, that is, the development of the U.S. industry to take, what were in 1976, the underutilized species and the displacement of the foreign fishing effort in the EEZ in 1991.

As a result of the above, there has been no total allowable level of foreign fishing since 1991, although 35.000 mt of Atlantic mackerel and 40,000 mt of Atlantic herring were available for joint venture fishing in 1995. However, no joint venture permits were issued in 1995 because no foreign nations elected to participate in joint venture fishing in 1995. NMFS continues to maintain certain regulations pertaining to foreign fishing, such as the foreign fishing fee schedule, should there be a situation in the future in which allowing limited foreign fishing in an underutilized fishery would be of advantage to the U.S. fishing industry.

FMPs and PMPs

Under the Magnuson Act, eight Regional Fishery Management Councils are charged with preparing Fishery Management Plans (FMPs) for the fisheries needing management within their areas of authority. After the Councils prepare FMPs which cover domestic and foreign fishing efforts, the FMPs are submitted to the Secretary of Commerce (Secretary) for approval and implementation. The Department, through NMFS agents and the U.S. Coast Guard, is responsible for enforcing the law and regulations.

The Secretary of Commerce is empowered to prepare plans in the Atlantic and Gulf of Mexico for highly migratory species. Where no FMP exists, Preliminary Fishery Management Plans (PMPs), which only cover foreign fishing efforts, are prepared by the Secretary for each fishery for which a foreign nation requests a permit. The Secretary is also empowered to produce an FMP for any fishery that a Council has not duly produced. In this latter case, the Secretary's FMP covers domestic and foreign fishing.

As of December 31, 1995, five Preliminary Fishery Management Plans (PMPs) were in effect, many of which have been amended since first being implemented.

Foreign Trawl Fisheries of the Northwest Atlantic
Hake Fisheries of the Northwest Atlantic
Bering Sea Herring
Bering Sea Snails
Atlantic herring of the Northwestern Atlantic

The Atlantic swordfish and Atlantic billfish fisheries are currently being managed by the Secretary under the

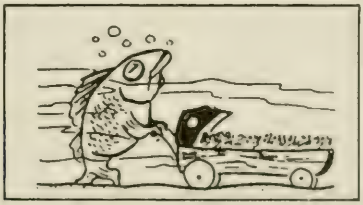
Magnuson Act and the Western Atlantic bluefin tuna fishery is managed under the Atlantic Tunas Convention Act.

FISHERY MANAGEMENT PLANS (FMPs)

Under section 304 of the Magnuson Act, all Council-prepared FMPs must be reviewed for approval by the Secretary. After FMPs have been approved under section 304 of the Magnuson Act, they are implemented by federal regulations, under section 305 of the Act. As of December 31, 1995 there are 36 fishery management plans in place. The FMPs are listed below. Many FMPs are amended by the Council and submitted for approval under the same Secretarial review process as new FMPs. Most of the FMPs listed have been amended since initial implementation. Those marked with a double asterisk (**) were amended in 1995

Northeast Multispecies
American Lobster
Atlantic Billfishes
Atlantic Bluefish
South Atlantic Red Drum
Atlantic Mackerel, Squid, and Butterfish
Atlantic Salmon
Atlantic Sea Scallops
Atlantic Sharks
Atlantic Surf Clams and Ocean Quahogs
Summer Flounder (**)
Swordfish
Gulf and South Atlantic Spiny Lobster (**)
Caribbean Reef Fish
Gulf of Mexico Reef Fish (**)
Gulf of Mexico Corals
South Atlantic Corals
Caribbean Coral Reef Resources
Gulf of Mexico Shrimp (**)
Gulf of Mexico Stone Crab
Gulf of Mexico Red Drum
Coastal Migratory Pelagics
Caribbean Spiny Lobster
South Atlantic Snapper/Grouper (**)
South Atlantic Shrimp
Northern Anchovy
King and Tanner Crab
Commercial and Recreational Salmon
High Seas Salmon
Pacific Coast Groundfish
Gulf of Alaska Groundfish (**)
Bering Sea and Aleutian Islands Groundfish (**)
Western Pacific Crustaceans
Western Pacific Precious Corals
Western Pacific Bottomfish and Seamount Groundfish
Western Pacific Pelagics

During 1995, 623 regulatory actions were processed via the Federal Register to implement FMP fishery management actions and rules for domestic fishing. This number includes hearings, meetings, and correction notices.



THE MAGNUSON FISHERY CONSERVATION AND MANAGEMENT ACT

REGIONAL FISHERY MANAGEMENT COUNCILS

Council	States	Telephone Number	Executive Director and Address
NEW ENGLAND	(Maine, New Hampshire, Massachusetts, Rhode Island, and Connecticut)	617-231-0422	Douglas G. Marshall Suntaug Office Park 5 Broadway (Rt. 1) Saugus, MA 01906
MID-ATLANTIC	(New York, New Jersey, Delaware, Pennsylvania, Maryland, and Virginia)	302-674-2331	David R. Keifer Federal Bldg., Rm. 2115 300 S. New St. Dover, DE 19901
SOUTH ATLANTIC	(North Carolina, South Carolina, Georgia and Florida)	803-571-4366	Robert K. Mahood Southpark Building Suite 306 1 Southpark Circle Charleston, SC 29407
GULF OF MEXICO	(Texas, Louisiana Mississippi, Alabama, and Florida)	813-228-2815	Wayne E. Swingle Lincoln Center, Suite 331 5401 W. Kennedy Blvd. Tampa, FL 33609
CARIBBEAN	(Virginia Islands and the Commonwealth of Puerto Rico)	809-766-5926	Miguel A. Rolon 268 Ave. Munoz Rivera Suite 1108 San Juan, PR 00918
PACIFIC	(California, Washington, Oregon, and Idaho)	503-326-6352	Lawrence D. Six 2130 S.W. 5th Ave. Suite 224 Portland, OR 97201
NORTH PACIFIC	(Alaska, Washington, and Oregon)	907-271-2809	Clarence G. Pautzke 605 W. 4th Ave., Rm. 306 Anchorage, AK 99501
WESTERN PACIFIC	(Hawaii, American Samoa, Guam, and the Northern Marianas Islands)	808-522-8220	Kitty M. Simonds 1164 Bishop St., Rm. 1405 Honolulu, HI 96813

NOTE:--Massachusetts, Pennsylvania, and Virginia are "Commonwealth States."

OPTIMUM YIELD, DOMESTIC ANNUAL HARVEST, RESERVE, TALFF, AND FOREIGN FISHING ALLOCATIONS: NORTH ATLANTIC, BY SPECIES AND COUNTRY, 1995 (1)

Item	Loligo squid (2)	Illex squid (2)	Atlantic mackerel (3)	Butter-fish (2)	Atlantic herring (4)
	--------------------Metric tons, round weight--------------------				
Max Optimum yield (OY)...........	36,000	30,000	N/A	16,000	89,220
ABC....................	36,000	30,000	850,000	16,000	89,220
Initial Optimum yield................	36,000	30,000	100,000	10,000	89,220
DAH....................	36,000	30,000	100,000	10,000	89,220
DAP..................	36,000	30,000	50,000	10,000	49,220
JVP..................	0	0	35,000	0	40,000
Reserve................	N/A	N/A	N/A	N/A	N/A
TALFF..................	0	0	0	0	0

(1) OY=Optimum Yield; ABC=Allowable Biological Catch; DAH=Domestic Annual Harvest; and TALFF=Total Allowable Level of Foreign Fishing; Initial Optimum Yield = DAH & TALFF or max optimum yield.

(2) These are the maximum OYs as stated in the FMP; TALFF is for by catch purposes.

(3) DAH includes 15,000 metric tons for recreational catch.

(4) As stated in the PMP.

N/A:--Not Applicable.

Source:--NMFS, Office of Fisheries Conservation and Management, F/CM; Office of Trade and Industry Services, F/TS2.

GENERAL ADMINISTRATIVE INFORMATION

UNITED STATES DEPARTMENT OF COMMERCE

14th and E Streets, NW
Washington, D.C. 20230

MAIL ROUTING CODE		TELEPHONE NUMBER
--	*Secretary of Commerce* Michael Kantor	202-482-2112
A	*Under Secretary for Oceans and Atmoshpere* D. James Baker	202-482-3436

NATIONAL MARINE FISHERIES SERVICE

1315 East-West Highway
Silver Spring Metro Center #3)
Silver Spring, MD 20910-3226

MAIL ROUTING CODE		TELEPHONE NUMBER
F	*Assistant Administrator for Fisheries* Rolland A. Schmitten	301-713-2239
Fx1	Deputy Assistant Administrator for Fisheries -- Nancy Foster	301-713-2239
Fx2	Program Management Officer -- Gary Matlock	301-713-2239
Fx3	Senior Scientist for Fisheries -- William W. Fox, (Acting)	301-713-2279
F/OMI	*Office of Operations, Management & Information* Charles Karnella (Acting)	301-713-2239
F/OMI1	Administrative & Budget Processes Division	301-713-2245
F/OMI2	Planning & Development Division	301-713-2252
F/OMI3	Information Management Division	301-713-2372
F/EN	*Office of Enforcement --* David McKinney	301-427-2300
F/EN1	Headquarters Operations Division	301-427-2300
F/CM	*Office of Fisheries Conservation & Management --* Richard H. Schaefer	301-713-2334
F/CM1	Operations Support & Analysis Division	301-713-2337
F/CM2	Plans & Regulations Division	301-713-2343
F/CM3	Recreational & Interjurisdictional Fisheries Division	301-713-2339
F/CM5	Highly Migratory Species Management Division	301-713-2347
F/HP	*Office of Habitat Protection --* James Burgess, Acting	301-713-2325
F/HP1	Habitat Policy & Management Divison	301-713-2325
F/HP2	Conservation Science Division	301-713-2325
F/HP3	Chesapeake Bay Program Office	401-267-5661
F/HP4	Anadromous Fish Habitat Division	301-713-2325
F/IS	*Office of Industry Services --* Samual W. McKeen	301-713-2351
F/IS1	Financial Services Division	301-713-2390
F/IS2	Trade Services Division	301-713-2379
F/IS3	Utilization Research & Services Division	301-713-2358
F/IS4	Inspection Service Division	301-713-2355

GENERAL ADMINISTRATIVE INFORMATION

UNITED STATES DEPARTMENT OF COMMERCE

Silver Spring, Md. 20910-3226

MAIL ROUTING CODE		TELEPHONE NUMBER
F/IA	*Office of International Affairs --* Dean Swanson (Acting)	301-713-2272
F/IA1	Organizations & Agreements Division	301-713-2276
F/IA2	International Science, Development & Polar Affairs Division	301-713-2288
F/PR	*Office of Protected Species --* Rennie Holt, Acting	301-713-2332
F/PR1	Permits & Documentation Division	301-713-2289
F/PR2	Marine Mammal Division	301-713-2322
F/PR5	Habitat Research and Restoration Division	301-713-0174
F/PR8	Endangered Species Division	301-713-1401
F/RE	*Office of Research and Environmental Information --* John Everett, Acting	301-713-2367
F/RE1	Fisheries Statistics Division	301-713-2328
F/RE2	Data Management Division	301-713-2372
F/RE3	Prediction, Analysis & Monitoring Division	301-713-2363
LA11	*Office of Congressional Affairs - Fisheries --* Alan Risenhoover	301-713-2263
PAF	*Office of Public Affairs - Fisheries --* Gordon Helms / Scott Smullen	301-713-2370
GCF	*Office of General Counsel - Fisheries --* Margaret Hayes	301-713-2231

REFERRAL DIRECTORY - SILVER SPRING, MD OFFICE

FOREIGN FEES AND PERMITS -- 301-713-2339

Joint Ventures
Regulations:
  Foreign Fishing
  U.S. Nationals Fishing in Russian EZ

FINANCIAL SERVICES -- 301-713-2390

Compensation for loss of gear
Construction, vessels (Tax Deferral Program)
Insurance - vessel seizure by foreign governmer
Loans and loan guarantees

FISHERY MANAGEMENT OPERATIONS -- 301-713-2343

Artifical reefs
Fishery management plans
Fisheries regulations
State grants

INDUSTRY SERVICES -- 301-713-2351

Consumer education and marketing
Exports/Imports licenses
Saltonstall-Kennedy (S-K) grants
Tariffs
Trade issues

INTERNATIONAL FISHERIES -- 301-713-2272

Allocation (foreign fishing catches)
Foreign fisheries (general)

LAW ENFORCEMENT AND FINES--301-713-2300

Lacey Act (general information)
Marine Mammal Protection Act (general)
Permits and regulations

RESOURCES INVESTIGATIONS -- 301-713-2367

Acid rain and pollution
Aquaculture information
Diseases of fish
Ecology and fish recruitment
Fishing methods
Resource abundance

STATISTICAL DATA SERVICES -- 301-713-2328

Commercial fisheries - landings and value
Imports and exports
Joint ventures
Market news reports (general)
Operating units (fishermen and vessels)
Processed fishery products
Recreational fisheries

UTILIZATION RESEARCH -- 301-713-2358

Botulism and ciguatera poisoning
Nutrition and quality of fishery products
Safety and product standards
Seafood inspection and identity

NATIONAL MARINE FISHERIES SERVICE

REGIONAL FACILITIES

MAIL ROUTING CODE		TELEPHONE and FAX NUMBER	LOCATION
F/NER	*Northeast Region* *One Blackburn Drive* *Gloucester, MA 01930*	*508-281-9300* *Fax-281-9371*	*Gloucester, MA*
F/NEC3	Northeast Fisheries Science Center 166 Water St. Woods Hole, MA 02543	508-548-5123 Fax-548-5124	Woods Hole, MA
	Woods Hole Laboratory 166 Water St. Woods Hole, MA 02543	508-548-5123 Fax-548-5124	Woods Hole, MA
	Narragansett Laboratory 28 Tarzell Drive Narragansett, RI 02882	401-782-3200 Fax-782-3201	Narragansett, RI
	Milford Laboratory Milford, CT 06460	203-873-4200 FAX-873-4212	Milford, CT
	Sandy Hook Laboratory Building 74, McGruder Highlands, NJ 07732	908-872-3000 FAX-872-3088	Highlands, NJ
	Oxford Laboratory 609 S. Morris St. Oxford, MD 21654	410-226-5193 FAX-226-5925	Oxford, MD
F/NESC3	Natl. Systematics Laboratory, MRC153 10th & Constitution Ave., NW Washington, DC 20560	202-357-2550 FAX-357-2986	Washington, DC
F/SER	*Southeast Region* *9721 Executive Center Drive, N.* *St. Petersburg, FL 33702*	*813-570-5301* *FAX-570-5300*	*St. Petersburg, FL*
F/SEFSC	Southeast Fisheries Science Center, 75 Virginia Beach Dr. Miami, FL 33149	305-361-4284 FAX-361-4219	Miami, FL
F/SEC4	Miami Laboratory 75 Virginia Beach Dr. Miami, FL 33149	305-361-4225 FAX-361-4499	Miami, FL
F/SEC5	Mississippi Laboratories 3209 Frederick St., P.O. Drawer 1207 Pascagula, MS 39567	601-762-4591 FAX-769-9200	Pascagoula, MS
F/SEC6	Panama City Laboratory 3500 Delwood Beach Rd. Panama City, FL 32408	904-234-6541 FAX-235-3559	Panama City, FL
F/SEC7	Galveston Laboratory 4700 Avenue U Galveston, TX 77551	409-766-3500 FAX-766-3508	Galveston, TX

(Continued)

NATIONAL MARINE FISHERIES SERVICE

REGIONAL FACILITIES

MAIL ROUTING CODE		TELEPHONE and FAX NUMBER	LOCATION
F/SEC8	Charleston Laboratory 219 Fort Johnson Rd. Charleston, SC 29412	803-762-8500 FAX-762-8700	Charleston, SC
F/SEC9	Beaufort Laboratory 101 Pivers Island Beaufort, NC 28516	919-728-3595 FAX-728-8784	Beaufort, NC
F/NWR	*Northwest Region* *7600 Sand Point Way, N.E.* *BIN C15700, Bldg. 1* *Seattle, WA 98115*	*206-526-6150* *FAX-526-6426*	*Seattle, WA*
F/NWC	Northwest Fisheries Science Center 2725 Montlake Boulevard, East Seattle, WA 98112	206-860-3200 FAX-860-3217	Seattle, WA
F/SW	*Southwest Region* *501 West Ocean Blvd., Suite 4200* *Long Beach, CA 90802*	*310-980-4000* *FAX-980-4018*	*Long Beach, CA*
F/SWFSC	Southwest Fisheries Science Center 8604 La Jolla Shores Dr. P.O. Box 271 La Jolla, CA 92038	619-546-7000 FAX-546-5655	La Jolla, CA
F/SWC2	Honolulu Laboratory 2570 Dole St., P.O. Box 3830 Honolulu, HI 96812	808-943-1221 FAX-943-1248	Honolulu, HI
F/SWC3	Tiburon Laboratory 3150 Paradise Dr. Tiburon, CA 94920	415-435-3149 FAX-435-3675	Tiburon, CA
F/SWC4	Pacific Fisheries Environmental Group P.O. Box 831 Monterey, CA 93942	408-648-8515 FAX-648-8440	Monterey, CA
F/AKR	*Alaska Region* *709 West 9th Street, Room 453* *P.O. Box 21668* *Juneau, AK 99802*	*907-586-7221* *FAX-586-7249*	*Juneau, AK*
F/AKC	Alaska Fisheries Science Center, 7600 Sand Point Way, N.E., Bldg. 4 BIN C15700 Seattle, WA 98115	206-526-4000 FAX-526-4004	Seattle, WA
	Kodiak Investigations P.O. Box 1638 Kodiak, AK 99615	907-487-4961 FAX-487-5960	Kodiak, AK
F/AKC4	Auke Bay Laboratory 11305 Glacier Highway Auke Bay, AK 99801	907-789-6000 FAX-789-6094	Auke Bay, AK

NATIONAL MARINE FISHERIES SERVICE
NATIONAL FISHERY STATISTICS OFFICES

CITY	TELEPHONE NUMBER	NAME AND ADDRESS
		NORTHEAST REGION
NEW ENGLAND		
Portland	207-780-3322 FAX:780-3340	Robert C. Morrill / Scott McNamara, Marine Trade Center, Suite 212, Two Portland Fish Pier Portland, ME 04101
Rockland	207-594-5969 FAX:596-7651	Peter S. Marckoon, Federal Bldg., 21 Limerock St., Rm. 207, P.O. Box 708, Rockland, ME 04841
Boston	617-223-8015 FAX:223-8526	Paul Sheahan, Statistics Office, 408 Atlantic Ave., Rm. 141, Boston, MA 02210
	617-223-8012 FAX:223-8526	Jack French, Boston Market News, 408 Atlantic Ave., Rm. 141, Boston, MA 02210
(1) Gloucester	*508-281-9304* *FAX:281-9340*	*Gregory R. Power, Fishery Inf. Section, One Blackburn Dr., Gloucester, MA 01930*
Gloucester	508-281-9307 FAX:281-9372	Kelly McGrath / Don Mason, Rm. 107, 1 Blackburn Dr. Gloucester, MA 01930
New Bedford	508-999-2452 FAX:990-2506	Dennis E. Main, U.S. Custom House, 37 N. Second St. New Bedford, MA 02740
Chatham	508-945-5961 FAX:945-3793	Lorraine Spenle, 29C Stage Harbor Road Chatham, MA 02633
Woods Hole	508-548-5123 FAX:548-5124	John Mahoney, Northeast Fisheries Science Center, 166 Water St., Woods Hole, MA 02543
Newport	401-847-3115 FAX:842-0980	Margaret Toner, Post Office Bldg., Thames St., Newport, RI 02840
Pt. Judith	401-783-7797 FAX:782-2113	Walter Anoushian, 310 Great Island Rd., Rm. 203, P.O. Box 547, Narragansett, RI 02882
MIDDLE ATLANTIC		
New York	212-620-3405 FAX:620-3577	Leo Gaudin / R. Santangello, New York Market News 201 Varick Street, Rm. 731, New York, NY 10014
East Hampton	516-324-3569 FAX:324-3314	Erik Braun, 62 Newtown Lane, Suite 203, East Hampton, NY 11937
Patchogue	516-475-6988 FAX:289-8361	David McKernan, Social Security Bldg., 50 Maple Ave., P.O. Box 606, Patchoque, L.I., NY 11772
Toms River	908-349-3533 FAX:349-4319	Eugene Steady / Kathy Corbo, 26 Main St., P.O. Box 143, Toms River, NJ 08754
Cape May	609-884-2113 FAX:884-4908	Walt Makowski, 1382 Lafayette St., P.O. Box 624, Cape May, NJ 08204
CHESAPEAKE		
Ocean City	410-213-2761 FAX:213-7029	Ingo Fleming, 12904 Kelly Bridge Rd., P.O. Box 474, Ocean City, MD 21842
Hampton	804-723-3369 FAX:728-3947	David Ulmer / Steve Ellis, 1026 Settlers Landing Rd., Suite F, P.O. Box 436, Hampton, VA 23669
		SOUTHEAST REGION
SOUTH ATLANTIC		
(1)Beaufort	*919-728-8720* *FAX:728-8772*	*Nelson Johnson, Beaufort Laboratory, 101 Piver Island Road, Beaufort, NC 28516*
New Smyrna Beach	904-427-6562 FAX: SAME	Claudia Dennis, Coast Guard Station/Ponce P.O. Box 2025, New Smynra Beach, FL 32170
Tequesta	407-575-4461 FAX: SAME	Howard C. Schaefer, 19100 S.E. Federal Highway Tequesta, FL 33469
(1)Miami	*305-361-4468* *FAX:361-4460*	*Guy S. Davenport, 75 Virginia Beach Dr., Miami, FL 33149*
Key West	305-294-1921 FAX: SAME	Edward J. Little, Jr., Post Office & Custom House Bldg., P.O. Box 269, Key West, FL 33040

NATIONAL MARINE FISHERIES SERVICE
NATIONAL FISHERY STATISTICS OFFICES

CITY	TELEPHONE NUMBER	NAME AND ADDRESS
GULF		
Fort Myers	941-334-4364 FAX: SAME	Tom Herbert, 2000 Main St., Suite 409 Fort Myers, FL 33901
St. Petersburg	813-570-5393 FAX:570-5300	Vacant, 9721 Executive Center Drive, St. Petersburg, FL 33702
Panama City	904-234-6541 FAX:235-3559	Deborah Fable, 3500 Delwood Beach Rd., Panama City, FL 32407
Mobile	334-639-6493 FAX: SAME	Ted Flowers, U.S.Coast Guard - ATC P.O. Box 97, Mobile, AL 36608
Pascagoula	601-762-7402 FAX:769-9200	Rene Labadens, Jr., 3209 Frederic St., Pascagoula Lab., P.O. Box Drawer 1207, Pascagoula, MS 39567
Cameron	318-542-4758 FAX: SAME	Vacant, So. Cameron Medical Center, Rt. 1, Box 20-F, Creole, LA 70632
Chalmette	504-277-0365 FAX:271-9150	Maggie Bourgeois / Jay Boulet, 2626 Charles Dr., Suite 201, Chalmette, LA 70043
Golden Meadow	504-632-4324 FAX: SAME	Gary J. Rousse, 290 E. 57th St. (Cutoff, LA 70345) P.O. Box 623, Golden Meadow, LA 70357
Houma	504-872-3321 FAX: SAME	Kathleen Hebert, 425 Lafayette St., Rm. 128, Houma, LA 70360
	504-872-1403 FAX: SAME	Billy Ray Tucker, 1340 W. Tunnel Blvd., Suite 222, Houma, LA 70360
Marrero	504-340-5820 FAX: SAME	Jan Simpson, 5201 Westbank Expressway, Suite 312, Marrero, LA 70072
New Iberia	318-365-1558 FAX: SAME	Linda F. Picou, 705-A West Admiral Doyle Dr. New Iberia, LA 70560
New Orleans	504-589-6153 FAX:589-6149	Debbie Batiste, 423 Canal St., Rm. 213, New Orleans, LA 70130
Aransas Pass	512-758-0436 FAX: SAME	Roy Spears, 132 Cleveland Blvd., P.O. Box 1815, Aransas Pass, TX 78336
Brownsville/ Port Isabel	210-548-2516 FAX: SAME	Kit Doncaster / Edie Lopez, Shrimp Turning Basin, HC 70 Box 15, Brownville, TX 78521
Freeport	409-233-4551 FAX: SAME	Thomas R. Mauermann, Texas Gulf Bank, Suite 213 P.O. Box 2533, Freeport, TX 77542
(1)Galveston	*409-766-3705* *FAX:766-3543*	*Margot Hightower or W. Keith Roberts* *4700 Avenue U, Bldg. 308, Galveston, TX 77551*
Port Arthur	409-727-2271 FAX: SAME	Linda S. Trahan, Federal Bldg., Rm. 113, 2875 Jimmy Johnson Blvd., Port Arthur, TX 77640
		SOUTHWEST REGION
(1)Long Beach, CA or Honolulu, HI	*310-980-4033* *FAX:980-4047*	*Patricia J. Donley, 501 West Ocean Boulevard,* *P.O. Box 32469, Long Beach, CA 90832*
		NORTHWEST REGION
(1)Seattle	*206-526-6128* *FAX:526-4461*	*John K. Bishop, 7600 Sand Point Way, NE, Bldg. 1* *BIN C15700, Seattle, WA 98115*
		ALASKA REGION
(1)Juneau	*907-586-7221* *FAX:586-7465*	*Patsy Bearden, Federal Building, 4th Floor,* *709 West 9th Street, P.O. Box 21668* *Juneau, AK 99802*

(1) Regional or area headquarters for statistics offices.

PUBLICATIONS

LIBRARY INFORMATION

The NOAA Library and Information Network Catalog (NOAALINC) is a CD-ROM microcomputer-based library catalog of more than one million books, technical reports, serials and microforms. The collection strengths include aquatic science, marine ecology, microbiology, oceanography, meteorology, climatology, chemistry, geology, remote sensing, hazardous wastes, pesticides, toxicology, pollution, and law.

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The NOAALINC workstations are also available to individuals who come into NOAA libraries and information centers.

Other library information is available from NOAA's Library, 1315 East-West Hwy., 2nd Floor, Silver Spring, MD 20910-3282. Telephone: 301-713-2600 (Ext. 124). The NOAA Library HomePage Address: http://www.lib.noaa.gov.

PUBLICATIONS AVAILABLE FROM U.S. GOVERNMENT PRINTING OFFICE

STATISTICAL REPORTS

003-020-00166-1 Fisheries of the United States, 1994 . . .$8.00

003-020-00167-0 Fisheries of the United States, 1995 . . .NA

MISCELLANEOUS REPORTS

003-009-00618-0 United States Industrial Outlook 1993: Business Forecases for 350 Industries . . .$37.00

S/N 703-023-00000-2 Fishery Bulletin (Quarterly): Publishes Original Research Papers, etc.
...Domestic: $13.00 copy
...Foreign: $16.25 copy

MARINE LIFE POSTERS

(printed on washable non-glare plasticized paper)

003-020-00055-0 Marine Fishes of the California Current and adjacent waters . . .$5.50

003-020-00069-0 Fishes of the Great Lakes . . .$8.00

For information or to purchase publications listed above (Advance Payment Required), call or write:

Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20202
PHONE: 202-512-1800 / FAX: 512-2250

PUBLICATIONS AVAILABLE FROM NATIONAL MARINE FISHERIES SERVICE AND NATIONAL TECHNICAL INFORMATION SERVICE (NTIS) U.S. DEPARTMENT OF COMMERCE

SCIENTIFIC PUBLICATIONS:

Information on formal scientific publications by NMFS (such as NMFS journals and technical publications) may be obtained from the Scientific Publications Office (F/NWR1), 7600 Sand Point Way, N.E., BIN C-15700, Seattle, WA 98115.

Telephone: 206-526-6107

CURRENT FISHERY STATISTICS (CFS) SERIES:

The reports listed below are in the Current Fisheries Statistics (CFS) series. They are statistical bulletins on marine recreational fishing, commercial fishing, and on the manufacture and commerce of fishery products. For further information or to obtain a subscription to these publications, contact the office shown below:

NOAA, National Marine Fisheries Service
Fisheries Statistics Division (F/RE1)
1335 East-West Highway
Silver Spring, MD 20910--3226
Telephone: 301-713-2328

The bulletins shown below cover freezings and holdings, the production of various processed products, and the U.S. foreign trade in fishery products. If you wish a copy of the following publications, check the designated space ( ) and return to the Office indicated above. The following are available annually:

( ) FF - Frozen Fishery Products
( ) MF - Processed Fishery Products

The following publication is only available quarterly.

( ) Fish Meal and Oil

OTHER PUBLICATIONS:

All publications listed below may be obtained from NTIS (address and phone number listed on page 110) or the originating office (code follows in parentheses). Copies are available only as long as supply lasts.

( ) Endangered Species Act, Biennial Report, Status of Recovery Program, FY 1989-1991. (F/PR)

( ) Fishery Management Plan for Sharks of the Atlantic Ocean. (F/CM)

( ) Habitat Protection Activity Report. 1991 - 1993. (F/HP)

( ) Magnuson Fishery Conservation and Management Act, As Amended through November 28, 1990. (F/CM)

( ) Marine Mammal Protection Act, Annual Report. 1988-1989. (F/PR)

( ) Marine Mammal Protection Act, Annual Report. 1990-1991. (F/PR)

( ) Our Living Oceans - The First Annual Report on the Status of U.S. Living Marine Resources. (F/RE)

( ) Our Living Oceans - Report on The Status of U.S. Living Marine Resources, 1992 Data. (F/RE)

( ) Our Living Oceans - Report on The Status of U.S. Living Marine Resources, 1993 Data. (F/RE)

( ) Report on Apportionments of Membership on the Regional Fishery Management Council (RFMCs) in 1994. (F/CM)

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Grants (F/IS)

( ) The Saltonstall-Kennedy Grant Program: Fisheries Development and Utilization Research and Development Grants - Annotated Bibliography (F/IS)

( ) USDC Approved List of Fish Establishments and Products -- Semi-Annual Report. (National Seafood Inspection Laboratory, Pascagoula, MS.)

Aquaculture and Capture Fisheries: Impacts in U.S. Seafood Markets. (NTIS No. PB-88-204185/GBA)

Developments of Value Added, Margin and Expenditures for Marine Fishery Products. (NTIS No. PB-89-125108)

Marine Mammal Strandings in the United States: Proceedings of the Second Marine Mammal Stranding Workshop, 1987. 1991. Reynolds, John E., III and Daniel K. Odell, (editors). (NOAA-TR-NMFS-98). 157 p. (F/PR)

Protecting Marine Mammals: Look from a Distance... but Don't Touch, Feed or Harm in the Wild. Prepared by the Texas Sea Grant Program for the Office of Protected Resources, NMFS, 1992. 6 p. (F/PR)

Recovery Plan for the Humpback (*Megaptera novaeangliae*). Prepared by the Humpback Whale Recovery Team for the National Marine Fisheries Service, 1991. 1992. Silver Spring, Maryland. 105 p. (F/PR)

Recovery Plan for the Kemp's Ridley Sea Turtle (*Lepidochelys kempii*). Prepared by the Kemp's Ridley Recovery Team for the U.S. Fish and Wildlife Service and NMFS, 1992. Washington, DC. (F/PR)

Recovery Plan for Leatherback Turtles in the U.S. Caribbean, Atlantic, and Gulf of Mexico. National Marine Fisheries Service and U.S. Fish and Wildlife Service. 1992. Washington, D.C. (F/PR)

Recovery Plan for the Northern Right Whale (*Eubalaena glacialis*). Prepared by the Right Whale Recovery Team for the National Marine Fisheries Service, 1991. 1992. Silver Spring, Maryland. 86 p. (F/PR)

Recovery Plan for U.S. Population of Atlantic Green Turtle. National Marine Fisheries Service, and Fish and Wildlife Service. 1991. Washington, D.C. (F/PR)

Recovery Plan for U.S. Population of Loggerhead Turtle (*Caretta caretta*). Prepared by the Loggerhead/Green Turtle Recovery Team for the U.S. Fish and Wildlife Service and NMFS. 1992. Washington, DC. (F/PR)

Recovery Plan for the Steller Sea Lion (*Eumetopias jubatus*). Prepared by the Steller Sea Lion Recovery Team for the National Marine Fisheries Service. 1992. Silver Spring, Maryland. 92 p. (F/PR)

Striped Bass Research Study Report for 1993. National Marine Fisheries Service and U.S. Fish and Wildlife Service, 1995. Silver Spring, Maryland. 34 p. (F/CM)

COMMERCIAL FISHERIES:

Fisheries of the United States is a preliminary report with historical comparisons on the Nation's fishing, fish processing, and foreign trade in fishery products. The following reports are available through NTIS.

Year	Accession No.
1966	COM-75-10662
1967	COM-75-10663
1968	COM-75-10664
1969	COM-75-10665
1970	COM-71-50081
1971	COM-75-10666
1972	COM-73-50644
1973	COM-74-50546
1974	COM-75-10862
1975	PB-253966
1976	PB-268662
1977	PB-282741
1978	PB-297083
1979	PB-80-201593
1980	PB-81-241648
1981	PB-82-215542
1982	PB-83-216473
1983	PB-84-195148
1984	PB-86-144953
1985	PB-87-143145
1986	PB-88-164132
1987	PB-88-215173
1988	PB-89-216485
1989	PB-91-129-320
1990	PB-92-174523/AS
1991	PB-93-204536/AS
1992	PB-94-156387
1993	PB-95-219192

Fisheries Statistics of the United States (Statistical Digest) is a final report on the Nation's commercial fisheries showing more detail than *Fisheries of the United States.*

Year	Accession No.
1939	COM-75-11265
1940	COM-75-11266
1941	COM-75-11267
1942	COM-75-11268

Year	Accession No.
1943	COM-75-11269
1944	COM-75-11270
1945	COM-75-11271
1946	COM-75-11272
1947	COM-75-11273
1948	COM-75-11274
1949	COM-75-11275
1950	COM-75-11056
1951	COM-75-11053
1952	COM-75-11054
1953	COM-75-11055
1954	COM-75-11057
1955	COM-75-11058
1956	COM-75-11059
1957	COM-75-11060
1958	COM-75-11061
1959	COM-75-11062
1960	COM-75-11063
1961	COM-75-11064
1962	COM-75-11065
1963	COM-75-11066
1964	COM-75-11067
1965	COM-75-11068
1966	PB-246429
1967	PB-246430
1968	COM-72-50249
1969	COM-75-10887
1970	COM-75-10643
1971	COM-74-51227
1972	COM-75-11430
1973	PB-262058
1974	PB-277796
1975	PB-300625
1976	PB-81-163438
1977	PB-84-192038

HISTORICAL REPORTS

Historical Catch Statistics is a series of publications reporting catch of certain species in the United States for historical purposes. The following reports are available through NTIS:

Atlantic and Gulf Coast States, 1879 - 1989. Current Fisheries Statistics No. 9010 - Historical Series Nos. 5-9 Revised. Report covers total landings for major species, by state and by region. (NTIS No. PB-93-174266)

Atlantic and Gulf Coast States, 1950 - 1991. Current Fisheries Statistics No. 9210 - Historical Series No. 10-Revised. Report covers landings and value of major species, by Region. (NTIS No. PB-93-174274)

IMPORTS AND EXPORTS OF FISHERY PRODUCTS, Annual Summary

Year	Accession No.
1982	PB-92-218635
1983	PB-92-218643
1984	PB-92-214972
1985	PB-92-222280
1986	PB-92-228196
1987	PB-92-228055
1988	PB-92-222272
1989	PB-92-222264
1990	PB-92-222256
1991	PB-92-221803
1992	PB-95-219499
1993	PB-95-219481
1994	PB-95-219507
1995	PB-95-

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1970 Salt-Water Angling Survey, PB-265416.

Determination of the Number of Commercial and Non-Commercial Recreational Boats in the United States, Their Use, and Selected Characteristics, COM-74-11186.

Participation in Marine Fishing:

Northeastern United States, 1973-74, COM-75-10655.
Southeastern United States, 1974, PB-273160.

MARINE RECREATIONAL FISHERY STATISTICS SURVEY:

Atlantic and Gulf Coasts:

Year	Accession No.
1979-80	PB-84-199652
1979 (Revised)-1980	PB-89-102552
1981-1982	PB-89-102560
1983-1984	PB-89-102628
1985	PB-89-102669
1986	PB-89-102701
1987-1989	PB-92-174820
1990-1991	(F/RE 1)

Pacific Coast:

Year	Accession No.
1981-1982	PB-89-102925/AS
1983-1984	PB-89-102933/AS
1985	PB-89-102941/AS
1986	PB-89-102958/AS
1987-1989	(F/RE 1)

PROCESSED FISHERY PRODUCTS -- Annual Summary

Year	Accession No.
1979	PB-89-215248/AS
1980	PB-89-215255/AS
1981	PB-89-215263/AS
1982	PB-89-215289/AS
1883	PB-89-215271/AS
1984	PB-89-215297/AS
1985	PB-89-215305/AS
1986	PB-89-215313/AS
1987	PB-92-172956
1988	PB-92-204528/AS

STATE LANDINGS

Maine: 1946-76, PB-271-296; 1977-79, PB-128258.

Massachusetts: 1943-76, PB-275866; 1977-79, PB-81-143182.

Rhode Island: 1954-77; PB-287627; 1978-79, PB-81-157158.

New York: 1954-76, PB-275449; 1977-79, PB-81-134546.

New Jersey: 1952-76, PB-275696; 1977-79, PB-81-159048

Maryland: 1960-76, PB-300636; 1977-79, PB-81-159003.

Virginia: 1960-76, PB-300637; 1977-79, PB-82-151960.

North Carolina: 1955-76, PB-288928; 1977-79, PB-82-151978.

South Carolina: 1957-76, PB-289405; 1977-79, PB-81-163198.

Georgia: 1956-76, PB-289814; 1977-79, PB-81-157166.

Florida: 1950-76, PB-292068.

Alabama: 1950-77, PB-80-121262; 1978, PB-82-168071.

Mississippi: 1951-77, PB-80-121270; 1978, PB-82-169079.

Louisiana: 1957-77, PB-300583; 1978, PB-82-168063.

Texas: 1949-77, PB-300603; 1978-79, PB-82-169004.

Shrimp Landings: 1956-76, PB-80-124696; 1978-79, PB-82-156183.

Gulf Coast Shrimp Data: 1958-76, PB-80-126899; 1978-79, PB-82-170390.

INTERNATIONAL REPORTS

In 1993, the Office of International Affairs, NMFS, prepared a six-volume study which analyzes past, present, and future trends in the world's distant-water fishing fleets. The subjects covered include catch, fishing areas, vessel construction and imports, flag-of-convenience registration, international agreements, and joint ventures. These studies can be purchased through the National Technical Information Service (NTIS) using the following titles and reference numbers.

World fishing Fleets: An analysis of Distance-water Fleet Operations. Complete six-volume set. (NTIS No. PB-94-140811/GBA).

Volume I: Executive Summary. Overview of world distance-water fishing fleets and summarizes regional trends. 54 p. (NTIS No. PB-94-140829/GBA).

Volume II: Africa. Compilation of information by U.S. Embassies on fleet operations in selected African countries. 51 p. (NTIS No. PB-94-140837/GBA).

Volume III: Asia. Overview of Asian fleets and individual studies of China, Japan, Republic of Korea, and Taiwan fleets. 144 p. (NTIS No. PB-94-140845/GBA).

Volume IV: Latin America. Overview of Caribbean Central America, South America, and individual reports on the Latin American fleets engaged in distant-water fisheries. 513 p. (NTIS No. PB-94-140852/GBA).

Volume V: Baltic States, Commonwealth of Independent States, and Eastern Europe. Overview of each of these three blocs and 10 individual country studies including Russia, Poland, and Ukraine. 286 p. (NTIS No. PB-94-140860/GBA).

Volume VI: Western Europe and Canada. Overview sections for Europe Community and non-EC countries and individual country studies for all West European fishing nations and Canada. 362 p. (NTIS No. PB-94-140878/GBA).

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Northeast Scientific Center - http://www.wh.whoi.edu/noaa.html. Provides press releases, lab descriptions, history of fisheries in the New England Region (photos, timeline, and outline of NE groundfish history). Includes fish facts (questions and answers) and status of the stocks by species for the Region.

Southeast Fisheries Science Center - http://www.sefsc.noaa.gov/. Describes the mission of the Center in support of NMFS including laboratories dedicated to research covering North Carolina--Texas and the Caribbean. Provides research data to support the programs which include large marine ecosystem, collecting and reporting statistical/economic data, fishery resource conservation, protection of marine mammals and endangered species, and impact analysis / environmental assessments.

Alaska Region - http://wwwfak.afsc.noaa.gov/akr-home.htm. Provides information on in season state of groundfish, catch statistics, new releases, regulations, maps, and tables. Sablefish and halibut quota program, catch data and appeal cases. Information on Marine Mammal Authorization Program.

Alaska Fisheries Science Center - http://www.wrc.noaa.gov/afsc/home.html. Describes the mission of the Center and the organization and purpose of its laboratories, divisions, and programs dedicated to Federal fisheries research in the coastal oceans off Alaska and the West Coast of the United States and marine mammal research in the Antarctic, Arctic, Alaska and California current ecosystems.

Northwest Fisheries Science Center - http://research.nwfsc.noaa.gov/nwfsc-homepage.html. Describes Center's research programs by division, including status assessments and recovery of endangered salmon species, chemical pollutants in coastal ecosystems throughout the U.S., and monitoring and assessments of west coast groundfish. Also includes staff directory, current Center news, publications and library resource information.

Southwest Fisheries Science Center - http://swfsc.ucsd.edu. Descriptions of programs, laboratories, geographic scope, center organization, research vessels, upper level scientific/management staffs, publications, newsletters (tuna and billfish), and mission of the Center. Information on types of research being conducted on fishes, marine mammal, sea turtles, habitat and marine ecosystems.

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4. Follow remaining voice prompts for confirmation of selection(s) and entering additional document numbers. After you have selected the documents you want, you will be prompted to press the pound (#) key to proceed.

5. You will now be asked to press the **START or SEND** key on fax machine. Wait until you hear the typical fax tone indicating a good connection and hang up the handset.

Please call **(301-713-2328)** for further information or if you have any questions or problems.

SERVICES

NATIONAL MARINE FISHERIES SERVICE
FISHERIES MARKET NEWS

FAX-ON-DEMAND MENU CHOICES
FAX: (301) 713-1415
MAILBOX #200

DOCUMENT NUMBER	REPORT	UPDATE SCHEDULE
1	Menu Choices	
2	Commonly Used Abbreviations	
5	Trade Leads	Thursday
	NEW YORK: Leo Gaudin (212) 620-3405	
21	Fulton Market Fresh Prices	Daily
22	New York Frozen Prices	Friday
	BOSTON: Jack French (617) 223-8012	
31	New England Auction	Daily
32	Boston Frozen Market Prices	Wednesday
33	New England Auction Summary	Friday
34	New England Cold Storage	Friday
	NEW ORLEANS: Maggie Bourgeois (504) 589-6153	
41	Gulf Shrimp Landings by Area and Species	Monday
42	Ex-Vessel Gulf Fresh Shrimp Prices and Landings	Monday
43	Gulf Finfish and Shellfish Landings	Monday
44	Fish Meal and Oil Prices	Thursday
45	Shrimp Statistics	Monthly
	LONG BEACH: Patricia Donley (310) 980-4033	
52	San Pedro, CA Market Prices	Friday
53	Canned Tuna Import Quota Update	Friday
	SEATTLE: John Bishop (206) 526-6119	
61	Wholesale Canned Salmon Prices (West Coast)	Tuesday
62	Wholesale Shellfish Prices (West Coast)	Tuesday
63	Preliminary Oregon Landings	Tuesday
64	Halibut & Sablefish Total IFQ Landings	Weekly
65	Groundfish: Gulf of Alaska - Preliminary Catch	Weekly
66	Groundfish: Berring Sea & Aleutians - Preliminary Catch	Weekly
67	Oregon Landings & Exvessel Price	Monthly
68	Washington Landings & Exvessel Price	Monthly
	NMFS HEADQUARTERS: William Uttley (301) 713-2328	
71	National Cold Storage	Monthly
72	West Coast Cold Storage	Monthly
73	Foreign Trade of Selected Products	Monthly
74	Imports of Shrimp	Monthly
75	Imports of Frozen Fish Blocks	Monthly
76	Fish Meal and Oil Production	Quarterly
	JAPANESE DATA: Long Beach - Sunee C. Sonu (310) 980-4038	
81	Japanese Shrimp Imports	Monthly
82	Japanese Fishery Imports	Monthly
83	Japanese Fishery Exports	Monthly
84	Japanese Cold Storage Holdings	Monthly
85	Tokyo Wholesale Shrimp Prices	Bi-weekly
86	Tokyo Wholesale Prices	Bi-weekly
87	Fish Landings and Average Ex-vessel Prices	Monthly
88	Sales Volume and Average Wholesale Prices	Monthly

UPDATE SCHEDULES: 3:00 pm ET.

NATIONAL MARINE FISHERIES SERVICE FISHERIES MARKET NEWS

BULLETIN BOARDS

Several National Marine Fisheries Service offices provide public access to electronic bulletin board services operating 24-hours a day to furnish the fishing industry with current information. Listed below are necessary facts needed to access these bulletin boards via a personal computer.

Alaska Region:

The Alaska Regional service is available by dialing **907-586-7259** at no parity, 8 data bits, 1 stop bit, full duplex. The bulletin board operates on a 80486 standalone PC with 4 MB of memory and four 14,400 baud modems. A menu-driven system directs callers to areas and manages viewing of files, downloading, and in certain cases, uploading files. A message utility handles transfer of mail between users and to the sysop. Information is organized in ANSI format into categories consisting of: news releases; regulations; current catch statistics; allocations / seasons / closure histories; PacFIN data; and miscellaneous information. Catch statistics are updated weekly, other files are added as needed. For additional information contact Tim Beede, 907-586-7228, at the Alaska Regional Office.

Northwest Region:

The Northwest Regional Office service is available by dialing **206-526-6405** at 2400 baud, no parity, 8 data bits, 1 stop bit, full duplex. (The region plans to upgrade baud rate to 28.8 by January 1995.) Information is presented through a system of menus and displayed on-line. A variety of reports are included: current groundfish and salmon regulations; current entry program, limited entry groundfish permits; foreign trade news and data files; HACCP FDA information; Saltonstall / Kennedy Program; view your account; testing system; NMFS news and phone numbers; list of files or transfers; and miscellaneous information. For additional information contact John Bishop, 206-526-6119, at the Northwest Regional Office.

Southwest Region:

The Southwest Regional Office service is available by dialing **310-980-4059** at 2400 baud, no parity, 8 data bits, 1 stop bit, full duplex. Information is presented in the form of bulletins organized through a system of menus and displayed on-line. Announcements include Federal Register notices of seasons, trip limits, and quotas for groundfish, salmon, and coastal pelagic fisheries. Trade and industry reports are available for fishery product imports into Southern California / Arizona / Hawaii, canned tuna industry updates and status of canned tuna import quotas, catch reports and the status of quotas or allocations for various California fisheries, a calendar of public meetings and events, Pacific Council News and information concerning protected species and marine recreational fisheries. For additional information contact Dan Viele, 310-980-4039, at the Southwest Regional Office.

SERVICES

TRADE AND INDUSTRY SERVICES

The National Marine Fisheries Service conducts activities designed to improve the competitiveness of the U.S. fishing industry in domestic and world markets and to enhance the safety and quality of U.S. seafood products. Programs include: (1) financial assistance in the form of loan guarantees insurance programs, a capital construction fund, and research and development grants; administration of fishery product inspection and grading, and product standard programs; research and development on product safety, quality, and use; and (4) advice to the U.S. Department of Agriculture on the use of its Surplus Commodity Program and export financing programs for fishery products.

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Director, Off. of International
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1315 East-West Highway
Silver Spring, MD 10910
PHONE: (301) 713-2722
FAX: (301) 713-2313

Chief, Trade Services Division
Address same as above
Phone: (301) 713-2379
FAX: (301) 713-2384

Director, Off. of Industry Services
Address same as above
PHONE: (301) 713-2351
FAX: (301) 713-1081

Chief, Financial Services Division
1315 East-West Highway
Silver Spring, MD 10910
Address same as above
Phone: (301) 713-2390

Chief, Utilization Reseach and
Services Division
Address same as above
Phone: (301) 713-2358

Chief, Inspection Services Division
Address same as above
Phone: (1-800-713-1668)

REGIONAL OFFICES:

Chief, Northeast Inspection Branch
1 Blackburn Drive
Gloucester, MA 01930
Phone: (508) 281-9292
FAX: (508) 281-9134

Chief, Fisheries Analysis Division
Address same as above
Phone: (508) 281-9234
FAX: (508) 281-9340

Chief, Financial Services Branch
Address same as above
Phone: (508) 281-9203
FAX: (508) 281-9375

REGIONAL OFFICES: - Continued:

Chief, Southeast Inspection Branch
9721 Executive Center Drive
St. Petersburg, FL 33802
Phone: (813) 570-5383
FAX: (813) 570-5387

Chief, Economics and Trade
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Phone: (813) 570-5335
FAX: (813) 570-5300

Chief, Financial Services Branch
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Chief, Western Inspection Branch
5600 Rickenbacker Road, Bldg. 7
Bell, CA 90201
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Chief, Fisheries Management Division
501 W. Ocean Blvd., Suite 4200
Long Beach, CA 90802
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International Trade Specialist
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Chief, Trade and Industry
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7600 Sand Point Way N.E.
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Seattle, WA 98115
Phone: (206) 526-6117
FAX: (206) 526-6544

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SERVICES

SEA GRANT MARINE ADVISORY SERVICE

The Office of Sea Grant is a major program element of the National Oceanic and Atmospheric Administration. The National Sea Grant College Program is funded jointly by the Federal Government and colleges or universities. Sea Grant's Marine Advisory Service offers a broad range of information to recreational and commercial fishermen, fish processors, and others concerning the Nation's fisheries. The following program leaders, listed alphabetically by State, can provide information on Sea Grant activities:

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SERVICES

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National Sea Grant Depository
(Clearing House for all Sea Grant Publications)

Pell Library
University of Rhode Island
Bay Campus
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GLOSSARY

ANADROMOUS SPECIES. These are species of fish that mature in the ocean, and then ascend streams to spawn in freshwater. In the Magnuson Act, these species include, but are not limited to, Atlantic and Pacific salmons, steelhead trout, and striped bass. See 42 FR 60682, Nov. 28, 1977.

ANALOG PRODUCTS. These include imitation and simulated crab, lobster, shrimp, scallops, and other fish and shellfish products fabricated from processed fish meat (such as surimi).

AQUACULTURE. The farming of aquatic organisms in marine, brackish or freshwater. Farming implies private or corporate ownership of the organism and enhancement of production by stocking, feeding, providing protection from predators or other management measures. Aquaculture production is reported as the weight and value of cultured organisms at their point of final sale.

BATTER-COATED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a batter containing a leavening agent and mixture of cereal products, flavoring, and other ingredients, and partially cooked in hot oil a short time to expand and set the batter.

BOAT, OTHER. Commercial fishing craft not powered by a motor, e.g., rowboat or sailboat, having a capacity of less than 5 net tons. See motorboat.

BREADED FISH PRODUCTS. Sticks and portions or other forms of fish or shellfish coated with a non-leavened mixture containing cereal products, flavorings, and other ingredients. Breaded products are sold raw or partially cooked.

BREADED SHRIMP. Peeled shrimp coated with breading. The product may be identified as fantail (butterfly) and round, with or without tail fins and last shell segment; also known as portions, sticks, steaks, etc., when prepared from a composite unit of two or more shrimp pieces whole shrimp or a combination of both without fins or shells.

BUTTERFLY FILLET. Two skin-on fillets of a fish joined together by the belly skin. See fillets.

CANNED FISHERY PRODUCTS. Fish, shellfish, or other aquatic animals packed in cans, or other containers, which are hermetically sealed and heat-sterilized. Canned fishery products may include milk, vegetables, or other products. Most, but not all, canned fishery products can be stored at room temperature for an indefinite time without spoiling.

COMMERCIAL FISHERMAN. An individual who derives income from catching and selling living resources taken from inland or marine waters.

CONSUMPTION OF EDIBLE FISHERY PRODUCTS. Estimated amount of commercially landed fish, shellfish, and other aquatic animals consumed by the civilian population of the United States. Estimates are on an edible-weight basis and have been adjusted for beginning and ending inventories of edible fishery products. Consumption includes U.S. production of fishery products from both domestically caught and imported fish, shellfish, other edible aquatic plants, animals, and imported products and excludes exports and purchases by the U.S. Armed Forces.

CONTINENTAL SHELF FISHERY RESOURCES. These are living organisms of any sedentary species that at the harvestable stage are either (a) immobile on or under the seabed, (b) unable to move except in instant physical contact with the seabed or subsoil of the continental shelf. The Magnuson Act now lists them as certain abalones, surf clam and ocean quahog, queen conch, Atlantic deep-sea red crab, dungeness crab, stone crab, king crabs, snow (tanner) crabs, American lobster, certain corals, and sponges.

CURED FISHERY PRODUCTS. Products preserved by drying, pickling, salting, or smoking; not including canned, frozen, irradiated, or pasteurized products. Dried products are cured by sun or air-drying; pickled or salted products are those products preserved by applying salt, or by pickling (immersing in brine or in a vinegar or other preservative solution); smoked products are cured with smoke or a combination of smoking and drying or salting.

CUSTOMS TERRITORY. Unless otherwise noted, the foreigh trade information presented is based on Bureau of the Census data for the Customs territory of the United States. The territory includes the 50 States, District of Columbia, Puerto Rico, and the U.S. Virgin Islands.

DEFLATED VALUE. The deflated values referred to in this document are calculated with the Gross Domestic Products Implicit Price Deflator. The base year for this index is 1987.

EDIBLE WEIGHT. The weight of a seafood item exclusive of bones, offal, etc.

EEZ. See U.S. Exclusive Economic Zone.

EUROPEAN UNION. Belgium and Luxembourg, Denmark, Federal Republic of Germany, Greece, France, Ireland, Italy, Netherlands, Portugal, Spain, and United Kingdom. This was formerly known as European Economic Community (EEC).

EXPORT VALUE. The value reported is generally equivalent to f.a.s. (free alongside ship) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. The value excludes the cost of loading, freight, insurance and other charges or transportation cost beyond the port of exportation.

EXPORT WEIGHT. The weight of individual products as exported, i.e., fillets, steaks, whole, breaded. etc. Includes both domestic and foreign re-exports data.

EXVESSEL PRICE. Price received by the harvester for fish, shellfish, and other aquatic plants and animals.

FISH BLOCKS. Regular fish blocks are frozen blocks or slabs of fillets or pieces of fillets cut or sliced from fish. Minced fish blocks are frozen blocks or slabs of minced flesh produced by a meat and bone separating machine.

FISH FILLETS. The sides of fish that are either skinned or have the skin on, cut lengthwise from the backbone. Most types of fillets are boneless or virtually boneless; some may be labeled as "boneless fillets."

FISH MEAL. A high-protein animal feed supplement made by cooking, pressing, drying, and grinding fish or shellfish.

FISH OIL. An oil extracted from body (body oil) or liver (liver oil) of fish and marine mammals; mostly a byproduct of fish meal production.

FISH PORTION. A piece of fish flesh that is generally of uniform size with thickness of 3/8 of an inch or more and differs from a fish stick in being wider or of a different shape. A fish portion is generally cut from a fish block.

FISH SOLUBLES. A water-soluble protein byproduct of fish meal production. Fish solubles are generally condensed to 50 percent solids and marketed as "condensed fish solubles."

FISH STEAK. A cross-section slice cut from a large dressed fish. A steak is usually about 3/4 of an inch thick.

FISH STICK. An elongated piece of breaded fish flesh weighing not less than 3/4 of an ounce and not more than 1-1/2 ounces with the largest dimension at least three times that of the next largest dimension. A fish stick is generally cut from a fish block.

FISHERY MANAGEMENT PLAN (FMP). A plan developed by a Regional Fishery Management Council, or the Secretary of Commerce under certain circumstances, to manage a fishery resource in the U.S. EEZ pursuant to the MFCMA (Magnuson Act).

FISHING CRAFT, COMMERCIAL. Boats and vessels engaged in capturing fish, shellfish, and other aquatic plants and animals for sale.

FULL-TIME COMMERCIAL FISHERMAN. An individual who receives more than 50 percent of their annual income from commercial fishing activities, including port activity, such as vessel repair and re-rigging.

GROSS REGISTERED TONNAGE (GRT). The gross registered tonnage of a vessel is the internal cubic capacity of all space in and on the vessel that is permanently enclosed, with the exception of certain permissible exemptions. GRT is expressed in tons of 100 cubic feet

GLOSSARY

GROUNDFISH. Broadly, fish that are caught on or near the sea floor. The term includes a wide variety of bottomfishes, rockfishes, and flatfishes. However, NMFS sometimes uses the term in a narrower sense. In "Fisheries of the United States," the term applies to the following species--Atlantic and Pacific: cod, hake, ocean perch, and pollock; cusk; and haddock.

IMPORT VALUE. Value of imports as appraised by the U.S. Customs Service according to the Tariff Act of 1930, as amended. It may be based on foreign market value, constructed value, American selling price, etc. It generally represents a value in a foreign country, and therefore excludes U.S. import duties, freight, insurance, and other charges incurred in bringing the merchandise to the United States.

IMPORT WEIGHT. The weights of individual products as received, i.e., fillets, steaks, whole, headed, etc.

INDUSTRIAL FISHERY PRODUCTS. Items processed from fish, shellfish, or other aquatic plants and animals that are not consumed directly by humans. These items contain products from seaweeds, fish meal, fish oils, fish solubles, pearl essence, shark and other aquatic animal skins, and shells.

INTERNAL WATER PROCESSING (IWPs). An operation in which a foreign vessel is authorized by the governor of a state to receive and process fish in the internal waters of a state. The Magnuson Act refers to internal waters as all waters within the boundaries of a state except those seaward of the baseline from which the territorial sea is measured.

JOINT VENTURE. An operation authorized under the MFCMA (Magnuson Act) in which a foreign vessel is authorized to receive fish from U.S. fishermen in the U.S. EEZ. The fish received from the U.S. vessel are part of the U.S. harvest

LANDINGS, COMMERCIAL. Quantities of fish, shellfish, and other aquatic plants and animals brought ashore and sold. Landings of fish may be in terms of round (live) weight or dressed weight. Landings of crustaceans are generally on a live-weight basis except for shrimp which may be on a heads-on or heads-off basis. Mollusks are generally landed with the shell on, but for some species only the meats are landed, such as sea scallops. Data for all mollusks are published on a meat-weight basis.

MAGNUSON FISHERY CONSERVATION AND MANAGEMENT ACT, Public Law 94-265, as amended. The Magnuson Act provides a national program for the conservation and management of fisheries to allow for an optimum yield (OY) on a continuing basis and to realize the full potential of the Nation's fishery resources. It established the U.S. Exclusive Economics Zone (EEZ) (formerly the FCZ - Fishery Conservation Zone) and a means to control foreign and certain domestic fisheries through PMPs and FMPs. Within the U.S. EEZ, the United States has exclusive management authority over fish (meaning finfish, mollusks, crustaceans, and all other forms of marine animal and plant life other than marine mammals, birds, and highly migratory species of tuna). The Magnuson Act provides further exclusive management authority beyond the U.S. EEZ for all continental shelf fishery resources and all anadromous species throughout the migratory range of each such species, except during the time they are found within any foreign nation's territorial sea or fishery conservation zone (or the equivalent), to the extent that such a sea or zone is recognized by the United States.

MARINE RECREATIONAL FISHING. Fishing for pleasure, amusement, relaxation, or home consumption.

MARINE RECREATIONAL CATCH. Quantities of finfish, shellfish and other living aquatic organisms caught, but not necessarily brought ashore, by marine recreational fisherman.

MARINE RECREATIONAL FISHERMEN. Those people who fish in marine waters primarily for recreational purposes. Their catch is primarily for home consumption, although occasionally a part or all of their catch may be sold and enter commercial channels. This definition is used in the NMFS Marine Recreational Fishery Statistics Survey, and is not intended to represent a NMFS policy on the sale of angler-caught fish.

MAXIMUM SUSTAINABLE YIELD (MSY). MSY from a fishery is the largest annual catch or yield in terms of weight of fish caught by both commercial and recreational fishermen that can be taken continuously from a stock under existing environmental conditions. A determination of MSY, which should be an estimate based upon the best scientific information available, is a biological measure necessary in the development of optimum yield.

METRIC TONS. A measure of weight equal to 1,000 kilograms, 0.984 long tons, 1.1023 short tons, or 2,204.6 pounds.

MOTORBOAT. A motor-driven commercial fishing craft having a capacity of less than 5 net tons, or not officially documented by the Coast Guard. See "boat, other."

NORTHWEST ATLANTIC FISHERIES ORGANIZATION (NAFO). This convention, which entered into force January 1, 1979, replaces ICNAF. NAFO provides a forum for continued multilateral scientific research and investigation of fishery resources that occur beyond the limits of coastal nations' fishery jurisdiction in the northwest Atlantic, and will ensure consistency between NAFO management measures in this area and those adopted by the coastal nations within the limits of their fishery jurisdiction.

OPTIMUM YIELD (OY). In the MFCMA (Magnuson Act), OY with respect to the yield from a fishery, is the amount of fish that (1) will provide the greatest overall benefit to the United States, with particular reference to food production and recreational opportunities; and (2) is prescribed as such on the basis of maximum sustainable yield from such fishery, as modified by any relevant ecological, economic, or social factors.

PACKAGED FISH. A term used in NMFS publications prior to 1972 to designate fresh or frozen raw fish fillets and steaks.

PART-TIME COMMERCIAL FISHERMAN. An individual who receives less than 50 percent of their annual income from commercial fishing activities.

PER CAPITA CONSUMPTION. Consumption of edible fishery products in the United States divided by the total civilian population. In calculating annual per capita consumption, estimates of the civilian resident population of the United States on July 1 of each year are used. These estimates are taken from current population reports, series P-25, published by the U.S. Bureau of the Census.

PER CAPITA USE. The use of all fishery products, both edible and nonedible, in the United States divided by the total population of the United States.

PRELIMINARY FISHERY MANAGEMENT PLAN (PMP). The Secretary of Commerce prepares a PMP whenever a foreign nation with which the United States has made a Governing International Fishery Agreement (GIFA) submits an application to fish in a fishery not managed by an FMP. A PMP is replaced by an FMP as soon as the latter is implemented. A PMP applies only to foreign fishing.

RE-EXPORTS. Re-exports are commodities which have entered the U.S. as imports and are subsequently exported in substantially the same condition as when originally imported.

RETAIL PRICE. The price of fish and shellfish sold to the final consumer by food stores and other retail outlets.

ROUND (LIVE) WEIGHT. The weight of fish, shellfish, or other aquatic plants and animals as taken from the water; the complete or full weight as caught. The tables on world catch found in this publication include, in the case of mollusks, the weight of both the shells and the meats, whereas the tables on U.S. landings include only the weight of the meats.

SURIMI. Minced fish meat (usually Alaska pollock) which has been washed to remove fat and undesirable matters (such as blood, pigments, and odorous substances), and mixed with cryoprotectants, such as sugar and/or sorbitol, for a good frozen shelf life.

TOTAL ALLOWABLE LEVEL OF FOREIGN FISHING (TALFF). The TALFF, if any, with respect to any fishery subject to the exclusive fishery management authority of the United States, is that portion of the optimum yield of such fishery which will not be harvested by vessels of the United States, as determined by provisions of the MFCMA

U.S. EXCLUSIVE ECONOMIC ZONE (EEZ). The MFCMA (Magnuson Act) defines this zone as contiguous to the territorial sea of the United States and extending seaward 200 nautical miles measured from the baseline from which the territorial sea is measured. This was formerly referred to as the FCZ (Fishery Conservation Zone).

U.S.-FLAG VESSEL LANDINGS. Includes landings by all U.S. fishing vessels regardless of where landed as opposed to landings at ports in the 50 United States. These includelandings at foreign ports, U.S. territories, and foreign vessels in the U.S. FCZ under joint venture agreements. U.S. law prohibits vessels constructed or registered in foreign countries to land fish catches at U.S. ports.

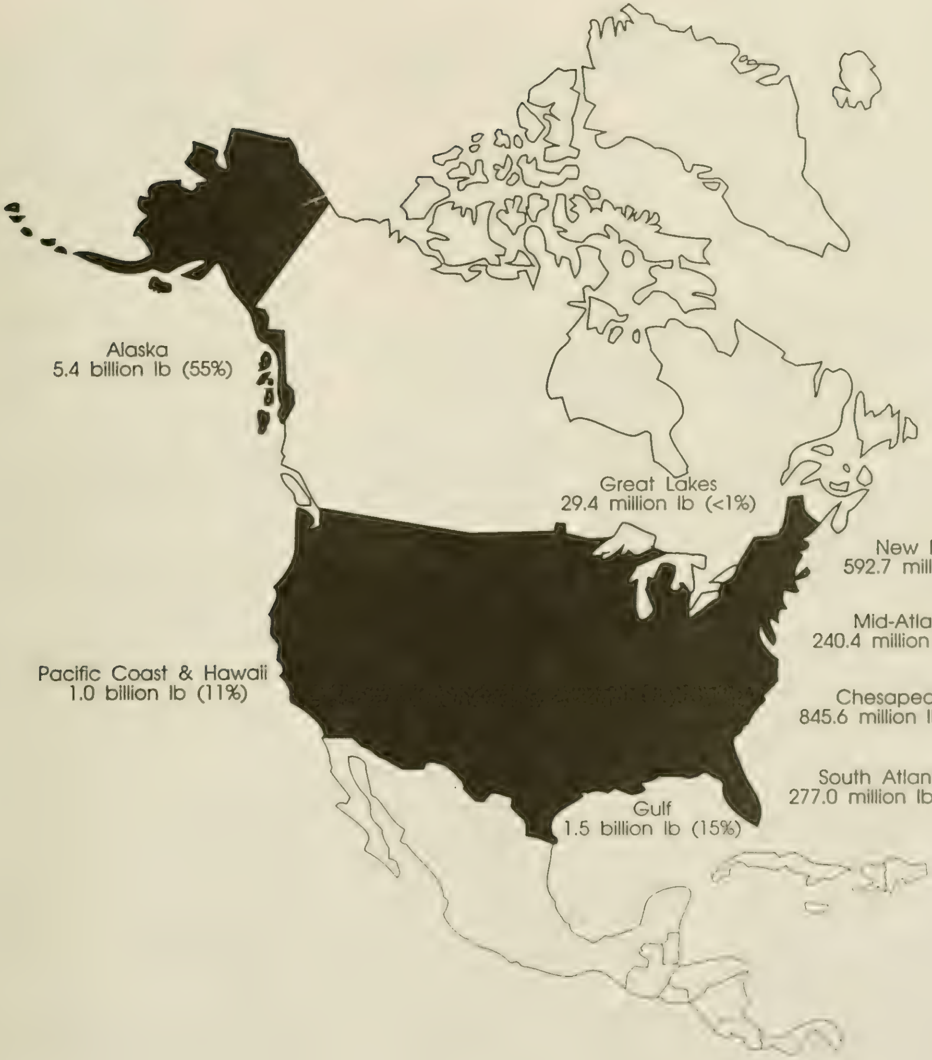
U.S. TERRITORIAL SEA. A zone extending 3 nautical miles from shore for all states except Texas and the Gulf Coast of Florida where the seaward boundary is 3 marine leagues (9 nautical miles).

USE OF FISHERY PRODUCTS. Estimated disappearance of the total supply of fishery products, both edible and nonedible, on a round-weight basis without considering beginning or ending stocks, exports, military purchases, or shipments to U.S. territories.

VESSEL. A commercial fishing craft having a capacity of 5 net tons or more. These craft are either enrolled or documented by the U.S. Coast Guard and have an official number assigned by that agency.

WHOLESALE FISH AND SHELLFISH PRICES. Those prices received at principal fishery markets by primary wholesalers (processors, importers, and brokers) for customary quantities, free on board (f.o.b.) warehouse.

U.S. COMMERCIAL LANDINGS BY REGION



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Federal Inspection Marks for Fishery Products

NATIONAL FISHERY PRODUCTS INSPECTION PROGRAM. The U.S. Department of Commerce (USDC), National Marine Fisheries Service, a part of the National Oceanic and Atmospheric Administration, conducts a voluntary seafood inspection program on a fee-for-service basis. A HACCP-based service is also available. Services provided by the program include vessel and plant sanitation, product inspection and grading, label reviews, product specification reviews, laboratory analyses, training, education and information. Inspection and certification services are available nationwide and in U.S. territories for all interested parties. Consultative services are provided in foreign countries. Inspection and certification services are also provided for imported and exported products.

USERS OF INSPECTION SERVICES. The users of the voluntary seafood inspection service include vessel owners, processors, distributors, brokers, retailers, food service operators, exporters, importers, and those who have a financial interest in buying and selling seafood products. The military requires USDC inspected products be purchased for its troop feeding program. The U.S. Department of Agriculture also recommends that USDC inspected products be purchased for its food feeding programs. The USDC APPROVED LIST OF FISH ESTABLISHMENTS AND PRODUCTS, published bi-annually, provides a listing of products and participants who contract with USDC.

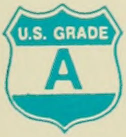
USDC INSPECTION MARKS. The official marks authorized for use on products in the USDC inspection program are available from any of the inspection offices. These marks designate the level and the type of inspection performed by the federal inspector. The marks can be used in advertising and labeling under the guidelines provided by the Inspection Services Division and in accordance with federal and state regulations regarding advertising and labeling. Products bearing the USDC official marks have been certified as being safe, wholesome, and properly labeled.

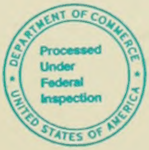
"US GRADE A" MARK. The U.S. GRADE A mark signifies that a product has been processed under federal inspection in an approved facility and meets the established level of quality of an existing U.S. grade standard. The U.S. Grade A mark indicates that the product is of high quality, uniform in size, practically free from blemishes and defects, in excellent condition and possessing good flavor and odor.

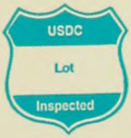
"PROCESSED UNDER FEDERAL INSPECTION" MARK. The PUFI mark or statement signifies that the product has been inspected in an approved facility and was found to be safe, wholesome and properly labeled according to approved specifications or criteria. The language within the PUFI mark has been amended to "Processed Under Federal Inspection" to reflect actual inspection procedures and the regulatory requirements for use of the mark.

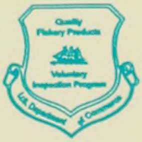
"LOT INSPECTED" MARKS. Products inspected on a lot inspection basis, whether in an approved facility or in a warehouse, cold storage facility or dock, by a federal inspector, can bear an official lot inspection mark. The OFFICIALLY SAMPLED mark signifies that the products were officially sampled for wholesomeness, condition and other factors as requested. Additionally, the ACCEPTED PER SPECIFICATIONS mark identifies products which were officially sampled and inspected to conform to approved specifications or criteria. To reduce the confusion about the meaning of these marks, as well as, the use of private label logos, a new Lot Inspected mark was created to replace the existing "Officially Sampled" and "Accepted Per Specifications" marks currently used on retail labels. The use of this mark will meet the needs of both industry and consumers by coveying that the products bearing this mark have been examined by the Federal NMFS Program.

"RETAIL" MARK. In response to requests made by industry, a new mark has been created for retail or food service establishments. Participants qualify for use of the "Retail Mark" by receiving the NMFS HACCP-based service or being under contract for sanitation services and associated product evaluation. Usage of such a mark will give the retail industry the opportunity to advertise on their banners, logos, or menus that their facility has been recognized by NMFS for proper sanitation and handling of fishery products.









USDC HACCP-BASED SERVICE. The USDC HACCP-based service is available to all interested parties on a fee-for-service basis. Label approval, record keeping and analytical testing are program requirements. An industry NMFS certified employee trained in HACCP principles is also required for each facility/site in the program. Compliance ratings determine frequency of official visits. Costs are consistent with current program rates. Benefits to participants include increased controls through a more scientific approach, use of established marks, increased efficiency of federal inspection personnel, and enhanced consumer confidence. NMFS has made available a HACCP mark or "banner" to be used as an attachment to existing inspection and grade marks to distinguish that the product was produced under the HACCP-based program.

FOR FURTHER INFORMATION:

Inspection Services Division
National Marine Fisheries Service
1315 East-West Highway
Silver Spring, MD 20910
(301) 713-2355 (FAX: 713-1081)

U.S. DEPARTMENT OF COMMERCE
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